

# NAVAIR 01-1A-509-4 TM 1-1500-344-23-4

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TECHNICAL MANUAL

## CLEANING AND CORROSION CONTROL

### VOLUME IV CONSUMABLE MATERIALS AND EQUIPMENT FOR AIRCRAFT AND AVIONICS

This publication supersedes NAVAIR 01-1A-509, 1 May 2001/TM 1-1500-344-23, 1 May 1996  
and NAVAIR 16-1-540/TM 1-1500-343-23/TO 1-1-689, 1 Sep 2000.

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PUBLISHED BY DIRECTION OF COMMANDER, NAVAL AIR SYSTEMS COMMAND

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**01 MARCH 2005**



01 March 2005

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|--|-----------------|---|----------------------------|
| NADEP Jacksonville<br>65886 2002 0533    | Pg A-1          | NADEP Jacksonville<br>65886 2002 0536<br>65886 2002 0534<br>65886 2002 0535 | Pg B-6<br>Pg B-7<br>Pg B-7 |
| NATEC Det New Orleans<br>30338 2001 N011 | Pg A-4          | 65886 2002 0537<br>65886 2002 0538<br>65886 2002 0539                       | Pg B-7<br>Pg B-7<br>Pg B-7 |
| NATEC Det New River<br>33206 2002 0102   | Pg A-6          | 65886 2002 0540   | Pg B-7                     |
| SEACONRON TWO ONE<br>09739 2003 0015     | Pg B-4          | PATRON NINE<br>09644 2002 0028  | Pg B-9                     |
|  |                 | NATEC<br>31225 2002 0032  | Pg B-10                    |





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## CHAPTER 1 INTRODUCTION

This volume was prepared under the technical cognizance of the  
Materials Engineering Division, NAVAIR North Island, San Diego, California.

**1-1. GENERAL.** Consumable materials and equipment listed in this volume shall be used for corrosion control. These materials and equipment have been approved only after extensive testing to prove their ability to perform properly and effectively without damaging any of the metallic or nonmetallic materials used in aircraft or avionics. Only those materials listed in this manual shall be used for cleaning or corrosion control. Materials listed in other manuals shall be used only when required procedures are not covered by this manual. When approved materials are not available, substitutions shall only be made by the appropriate Aircraft Controlling Custodians (ACC) or System Program Manager (SPM).

**1-2. PURPOSE.** The purpose of this manual is to provide ordering information for consumable materials and equipment used to prevent, control, and repair corrosion damage to aircraft and avionics.

**1-3. SCOPE.** The material in this manual contains basic corrosion prevention and corrective maintenance information to be used at Organizational, Intermediate, and Depot levels.

### **1-4. ARRANGEMENT OF MANUAL.**

1-4-1. A complete set of manuals to perform aircraft cleaning and corrosion control functions consists of Volumes I, II, and IV. A complete set of manuals to perform avionics and electronics cleaning and corrosion control functions consists of Volumes I, III, and IV (Navy and Army).

1-4.2. Arrangement of Volume IV. Volume IV consists of four chapters, arranged as shown in Table 1-1.

**1-5. RELATED PUBLICATIONS.** None.

Table 1-1. Outline of Volume IV

| CHAPTER | TITLE                                      | BRIEF DESCRIPTION   |
|---------|--|---|
| 1       | Introduction                               | This chapter presents the scope and layout of this volume.  |
| 2       | Consumable Materials for Corrosion Control | This chapter provides information on the approved materials for cleaning, corrosion prevention, and corrosion control for aircraft and avionics.  |
| 3       | Equipment for Corrosion Control            | This chapter provides information on approved equipment used for cleaning, corrosion prevention, and corrosion control for aircraft and avionics. |
| 4       | Special Avionic Equipment                  | This chapter lists the requirements for special cleaning equipment used in an avionic corrosion control work center.                              |



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## CHAPTER 2 CONSUMABLE MATERIALS FOR CORROSION CONTROL

**2-1. INTRODUCTION.** The materials referenced in this chapter are approved for use, but approval should not be misconstrued as an endorsement of any manufacturer's product(s). If approved materials for an application/procedure are not available, contact your service representative for approved substitutes: Naval Air Depot North Island (Code 497), San Diego, CA (Navy), or the AMCOM Corrosion Program Office, U.S. Army Aviation Systems Command, Redstone Arsenal, Huntsville, AL (Army).

**2-2. ARRANGEMENT OF CHAPTER.** Chapter 2 lists consumable materials used for aircraft and avionics cleaning and corrosion control.

2-2.1. Materials are grouped by function in the following tables:

- a. Table 2-1. Abrasives.
- b. Table 2-2. Chemical Conversion Coating Materials.
- c. Table 2-3. Cleaning Compounds.
- d. Table 2-4. Cleaning Pads/Cloths.
- e. Table 2-5. Conformal Coatings.
- f. Table 2-6. Corrosion Preventive Compounds.
- g. Table 2-7. Lubricants.
- h. Table 2-8. Masking Materials.
- i. Table 2-9. Neutralizing Agents.
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- q. Table 2-17. Solvents.
- r. Table 2-18. Tags/Forms.
- s. Table 2-19. Tapes.
- t. Table 2-20. Tracers/Indicators.

2-2.2. A description of the column headings and contents is given below.

- a. Nomenclature: the name of the material.

- b. Specification/Part Number: the military or industry specification and/or the commercial part number.

- c. National Stock Number: the national stock number of the material to be ordered.

- d. Unit of Issue: the type/size of the material container. Unit of issue abbreviations are shown below.

| CODE | UNIT      | CODE | UNIT     | CODE | UNIT    |
|------|-----------|------|----------|------|---------|
| BG   | Bag       | DZ   | Dozen    | OZ   | Ounce   |
| BO   | Bolt      | EA   | Each     | PG   | Package |
| BT   | Bottle    | FT   | Foot     | PR   | Pair    |
| BX   | Box       | GL   | Gallon   | PT   | Pint    |
| CA   | Cartridge | GR   | Gross    | QT   | Quart   |
| CB   | Carboy    | JR   | Jar      | RO   | Roll    |
| CN   | Can       | KT   | Kit      | SE   | Set     |
| CO   | Container | LB   | Pound    | SH   | Sheet   |
| CS   | Case      | LG   | Length   | TU   | Tube    |
| DR   | Drum      | MX   | Thousand | YD   | Yard    |

- e. Intended Use: a short description of what the material is used for.

- f. Usable On: an "x" in this column indicates that the material has been approved for use on Aircraft (AC) and/or Avionics (AV). If a material does not have an "x", contact the cognizant engineering authority for the specific aircraft/part for authorization before use.

**2-3. CONTAINER SIZE.** Consumable materials of a particular specification are provided in various size containers. If the particular size container required is not available or listed, ask the supply department to provide the next size container under the same specification.

**2-4. LOCAL PURCHASE.** When open purchase is specified, include all procurement information, source of supply, and GSA contract number if available.

**2-5. LOCAL REGULATIONS.** Prior to the procurement/use of any specified products, comply with all local safety and environmental requirements, laws, and regulations.

Table 2-1. Abrasives

| Nomenclature  | Specifications/<br>Part No.   | National Stock<br>Number   | Unit of<br>Issue   | Intended Use  | Usable<br>On |    |
|---|---|--|--|---|--------------|----|
|   |   |  |  |   | AC           | AV |
| Abrasive Mats,<br>Aluminum Oxide,<br>Non-woven,<br>Non-metallic<br>(9" x 11" sheets)    | A-A-58054<br>(supersedes MIL-A-9962)<br>Type I, Class 1<br>Grade A (Very Fine)<br>Grade B (Fine)<br>Grade C (Medium)  | 5350-00-967-5089<br>5350-00-967-5093<br>5350-00-967-5092   | PG (10 SH)<br>PG (10 SH)<br>PG (10 SH)                             | Aluminum oxide impregnated nylon fiber webbing used for removing corrosion products and for paint scuffing prior to touching up and feathering edges. | X            | X  |
| Abrasive Paper,<br>Aluminum Oxide,<br>Non-waterproof<br>(9" x 11" sheets)               | A-A-1048<br>240 Grit<br>320 Grit  | 5350-00-829-3981<br>5350-01-075-9299   | PG (50 SH)<br>PG (50 SH)   | Dry sanding of light to moderate corrosion products.  | X            |    |
| Abrasive Paper,<br>Silicon Carbide,<br>Waterproof<br>(9" x 11" sheets)                  | A-A-1047<br>(supersedes P-P-101)<br>240 Grit<br>320 Grit  | 5350-00-224-7205<br>5350-01-043-2278   | PG (50 SH)<br>PG (50 SH)   | Wet or dry sanding of light to moderate corrosion products.   | X            |    |
| Abrasive Paper,<br>Silicon Carbide,<br>Non-waterproof<br>(9" x 12" sheets)              | A-A-1047<br>(supersedes P-P-101)<br>240 Grit<br>320 Grit  | 5350-00-224-7208<br>5350-00-867-7665   | PG (50 SH)<br>PG (50 SH)   | Dry sanding of light to moderate corrosion products.  | X            |    |
| Abrasive Paper<br>Discs, Pressure<br>Sensitive Backing,<br>Silicon Carbide<br>(6" dia.) | A-A-2697<br>180 Grit<br>280 Grit  | 5345-01-074-9404<br>5345-01-074-9406   | RO (250 EA)<br>RO (250 EA)   | Dry sanding of light to moderate corrosion products.<br>For use with pneumatic drills or orbital sanders with a 6" diameter pad.                      | X            |    |
| Abrasive Cloth,<br>Aluminum Oxide,<br>Waterproof<br>(9" x 11" sheets)                   | A-A-1048<br>(supersedes P-C-451)<br>240 Grit<br>320 Grit  | 5350-00-865-5948<br>5350-00-597-5798   | PG (25 EA)<br>PG (25 EA)   | Wet or dry sanding of light to moderate corrosion products.   | X            |    |
| Abrasive Cloth,<br>Aluminum Oxide,<br>Non-waterproof                                    | A-A-1048<br>(supersedes P-C-451)<br>240 Grit (9" x 11" sheets)<br>240 Grit (3"x 150' roll)<br>320 Grit (9"x 11" sheets)<br>320 Grit (2"x 150' roll)<br>320 Grit (3"x 150' roll) | 5350-00-161-9715<br>5350-00-229-3080<br>5350-00-246-0330<br>5350-00-187-6289<br>5350-00-229-3092 | PG (50 EA)<br>RO (50 YD)<br>PG (50 EA)<br>RO (50 YD)<br>RO (50 YD) | Dry sanding of light to moderate corrosion products.  | X            |    |
| Abrasive Cloth,<br>Silicon Carbide,<br>Non-waterproof<br>(2" x 150' roll)               | A-A-1200<br>(supersedes P-C-451)<br>240 Grit<br>320 Grit  | 5350-00-256-5162<br>5350-00-482-5585   | RO (50 YD)<br>RO (50 YD)   | Dry sanding of light to moderate corrosion products.  | X            |    |
| Aluminum Wool   | A-A-1044<br>Type II Class 1 (Medium)  | 5350-00-286-4851   | LB   | Removing corrosion from aluminum surfaces.  | X            |    |

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Table 2-1. Abrasives (Cont.)

| Nomenclature  | Specifications/<br>Part No.  | National Stock<br>Number   | Unit of<br>Issue   | Intended Use  | Usable<br>On |    |
|---|--|--|--|---|--------------|----|
|   |  |  |  |   | AC           | AV |
| Copper Wool   | A-A-1044<br>Type I Class 3 (Fine)  | 5350-00-255-7736   | LB   | Removing corrosion from copper alloys, bronze, and brass surfaces.  | X            |    |
| Steel Wool,<br>Stainless                                      | A-A-1043<br>Type IV Class 1<br>(Rolls)   | 5350-00-440-5035   | LB   | Removing corrosion from stainless steel surfaces. It is not effective at removing paint. Not to be used prior to fluorescent penetrant inspection.  | X            |    |
| Glass Bead Media,<br>Cleaning and<br>Peening                  | MIL-G-9954<br>Size 13  | 5350-00-576-9634   | BG (50 LB)   | Glass bead blasting media use for removing corrosion from aluminum surfaces. The equivalent industry specification is AMS 2431/6, size AGB-6.   | X            | X  |
| Plastic Bead Media<br>(20/30 mesh in<br>size)                 | MIL-P-85891<br>Type V (Acrylic)  | 5350-01-326-9261<br>5350-01-326-9262   | BG (50 LB)<br>DR (250<br>LB)   | Plastic blasting media use for removing paint from aluminum surfaces. It is not effective at removing corrosion. <b>NOTE:</b> Not authorized for use prior to fluorescent penetrant inspection (FPI) on aluminum or magnesium.  | X            |    |
| Pumice Abrasive,<br>Powder                                    | SS-P-821   | 5350-00-161-9033   | LB   | Removing stains or corrosion on thin metal surfaces.  | X            |    |
| Abrasive Cloth  | ANSI-B74.18  |  |  | Removal of heavy corrosive products from steel, iron, aluminum and magnesium structures, mountings, racks, chassis, covers, scuff sanding of avionics boxes prior to painting. <b>CAUTION:</b> do not use Silicon Carbide Abrasive Cloth.   |              | X  |
| Abrasives Paper,<br>Aluminum Oxide,<br>Screen-Type<br>(Brown) | P/N: 830-DMS240HV<br>P/N: 830-DMS320HV<br>P/N: 860-DMS240HV<br>P/N: 860-DMS320HV<br>P/N: 834-DMS240HV<br>P/N: 834-DMS320HV<br>P/N: 837-DMS240HV<br><br>P/N: 837-DMS320HV<br><br>P/N: 828-G240HV<br><br>P/N: 828-G320HV | 5345-01-521-4926<br>5345-01-521-6602<br>5345-01-521-4548<br>5345-01-521-4541<br>5345-01-521-4536<br>5345-01-521-4537<br>1HS099-LL-H61-2752<br><br>5345-01-521-4929<br><br>1HS0000-LL-CQA-8308<br><br>1HS0000-LL-CQA-8309 | PK (250)<br>PK (250)<br>PK (250)<br>PK (250)<br>PK (250)<br>PK (250)<br>PK (250)<br><br>PK (250)<br><br>PK (250)<br><br>PK (250) | Use with Clayton Sanders (refer to Table 3-2)<br>240 grit abrasive disks for 3" sander.<br>320 grit abrasive disks for 3" sander.<br>240 grit abrasive disks for 6" sander.<br>320 grit abrasive disks for 6" sander.<br>240 grit abrasive sheets for 3" x 4" sander.<br>320 grit abrasive sheets for 3" x 4" sander.<br>240 grit abrasive sheets for 3 2/3" x 7" sander.<br><br>320 grit abrasive sheets for 3 2/3" x 7" sander.<br><br>240 grit abrasive sheets for 3" x 3 1/4" triangular sander.<br><br>320 grit abrasive sheets for 3" x 3 1/4" triangular sander. | X            |    |

Table 2-2. Chemical Conversion Coating Materials

| Nomenclature   | Specifications/<br>Part No.                                    | National Stock<br>Number   | Unit of<br>Issue                       | Intended Use  | Usable<br>On |    |
|--|--|--|--|---|--------------|----|
|  |  |  |  |   | AC           | AV |
| Touch-N-Prep (TNP) Pen   | Alodine 1132™  | 8030-01-460-0246   | CS (12 EA)                             | The pens provide a clean and easy-to-use method for applying chemical conversion coatings per MIL-DTL-81706 Type I Class 1A & Class 3. Ideal for touching-up small surface areas.   | X            | X  |
| Chemical Conversion Coating for Aluminum and Its Alloys                              | MIL-DTL-81706 Class 1A Form III (ready to use premixed liquid) | 8030-00-142-9272<br>8030-00-065-0957<br>8030-00-823-8039<br>8030-01-429-9504 | PT<br>QT<br>GL<br>DR (55 GL)           | Treatment of clean, bare aluminum to impart a protective oxide coating. Class 1A coatings provide maximum protection against corrosion when left unpainted and superior adhesion when paint systems are applied.                      | X            | X  |
|  | Form II (powder)   | 8030-00-926-9131<br>8030-00-720-9739<br>8030-00-663-9847                     | CO (5 LB)<br>CN (12 LB)<br>DR (175 LB) | Powder form has an indefinite shelf life until mixed with deionized (DI) water.   |              |    |
|  | Form I (concentrated liquid)                                   | 8030-01-043-7644   | CN (5 GL)                              |   |              |    |
|  | MIL-DTL-81706 Class 3 Form III (ready to use premixed liquid)  | 8030-01-451-0284   | GL                                     | Treatment of clean, bare aluminum to impart a protective oxide coating. Class 3 coatings are intended for use as a corrosion preventive film for electrical and electronic applications where lower resistance contacts are required. |              |    |
|  | Form II (powder)   | 8030-01-330-2504   | CN (10 LB)                             |   |              |    |
| Chemical Conversion Coating for Aluminum and Its Alloys (non-ferricyanide catalyzed) | MIL-DTL-81706 Class 1A & 3 Form II (powder)                    | 8030-00-811-3723   | BT (2 LB)                              | Non-ferricyanide conversion coating for the treatment of clean, bare aluminum to impart a chromate oxide coating.   | X            | X  |
|  | Alodine 600  | 8030-01-018-2838   | CO (10 LB)                             |   |              |    |
|  | Turcoat Alumigold  | 8030-01-341-8609   | CB (60 LB)                             |   |              |    |
| Chemical Conversion Coating for Magnesium and Its Alloys, Brush-on (Dow #19 process) | AMS-M-3171 Type VI (chromic acid brush-on treatment)           | 8030-01-512-2416   | CS (12 KTs)                            | Prepaint surface treatment material for magnesium alloys that provides corrosion protection and improved paint adhesion.  | X            | X  |
| Chromium Trioxide, Technical (Chromic Acid)  | A-A-55827  | 6810-00-264-6517   | CN (5 LB)                              | One of two chemicals used to prepare a magnesium conversion coating solution (AMS-M-3171 Type VI).  | X            | X  |
| Calcium Sulfate, Technical   | O-D-210  | 6810-00-242-4066   | CN (1 LB)                              | One of two chemicals used to prepare a magnesium conversion coating solution (AMS-M-3171 Type VI).  | X            | X  |

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Table 2-3. Cleaning Compounds

| Nomenclature  | Specifications/<br>Part No.   | National Stock<br>Number   | Unit of<br>Issue                                       | Intended Use   | Usable<br>On |    |
|---|---|--|--|--|--------------|----|
|   |   |  |  |  | AC           | AV |
| Cleaning<br>Compound:<br>Aircraft,<br>Exterior                | MIL-PRF-85570   |  |  |  |              |    |
|   | Type I (General purpose,<br>solvent based)                              | 6850-01-237-7482<br>6850-01-237-8003<br>6850-01-237-8004                     | CN (5 GAL)<br>DR (15 GAL)<br>DR (55 GAL)               | Cleaning of painted and unpainted aircraft surfaces. Check for regulatory compliance before using Type I because it contains aromatic solvents.  | X            |    |
|   | Type II (General purpose,<br>non-solvent based)                         | 6850-01-239-0571<br>6850-01-235-0872<br>6850-01-248-9828<br>6850-01-236-0128 | GL (1 GAL)<br>CN (5 GAL)<br>DR (15 GAL)<br>DR (55 GAL) | Cleaning of painted and unpainted aircraft surfaces. Water based formula may be used on both high gloss and camouflage paint systems.  | X            | X  |
|   | Type III (Gloss paint<br>cleaner with plastic<br>beads)                 | 6850-01-232-9164   | CN (5 GAL)   | Abrasive spot cleaner for high gloss paint surfaces where Type II is not effective. Cleans exhaust track & engine and gun blast soils.   | X            |    |
|   | Type IV (Flat paint cleaner<br>with non-abrasive<br>rubber particulate) | 6850-01-235-0873<br>6850-01-248-9829<br>6850-01-248-9830                     | CN (5 GAL)<br>DR (15 GAL)<br>DR (55 GAL)               | Use on low gloss tactical paint scheme coatings to remove stubborn contaminants such as boot marks and smudges as well as gun blast and exhaust tack soil.   | X            |    |
|   | Type V (Gel-type cleaner)   | 6850-01-234-0219<br>6850-01-248-9831<br>6850-01-235-7458                     | CN (5 GAL)<br>DR (15 GAL)<br>DR (55 GAL)               | Cleaning of wheel wells, wing butts, and other areas where complete rinsing with water can be tolerated. Thixotropic cleaner clings to vertical or overhead surfaces.                                | X            |    |
| Cleaning<br>Compound:<br>Engine Gas<br>Path Cleaner           | MIL-PRF-85704   |  |  |  | X            |    |
|   | Type I (Solvent<br>concentrate)   | 6850-00-181-7594<br>6850-00-181-7597   | CN (5 GL)<br>DR (55 GL)                                | Removal of accumulated salt, dirt, & oily residues from the gas path.<br><br>Solvent conc. for cleaning compressor section of gas engines with the engine off-line (starter cranked).                |              |    |
|   | Type II (Aqueous<br>concentrate)  | 6850-01-372-8303<br>6850-01-372-8304   | CN (5 GL)<br>DR (55 GL)                                | Aqueous concentrate for cleaning compressor section of gas engines with the engine off-line (starter cranked).   |              |    |
|   | Type II RTU (Ready-To-<br>Use aqueous cleaner)                          | 6850-01-370-5245<br>6850-01-370-5244   | CN (5 GL)<br>DR (55 GL)                                | Ready-to-use aqueous cleaner for cleaning gas engines with the engine off-line (starter cranked).  |              |    |
|   | Type III (Aqueous<br>concentrate)                                       | 6850-01-433-6436<br>6850-01-433-6438   | CN (5 GL)<br>DR (55 GL)                                | Aqueous concentrate for on-line (fired) cleaning of gas engines IAW applicable engine maintenance instructions.  |              |    |
|   | Type III RTU (Ready-To-<br>Use aqueous cleaner)                         | 6850-01-472-1845<br>6850-01-472-1846   | CN (5 GL)<br>DR (55 GL)                                | Ready-to-use aqueous cleaner for on-line (fired) cleaning of gas engines in accordance with applicable engine maintenance instructions.  |              |    |
| Cleaning<br>Compound: Parts,<br>Washers and<br>Spray Cabinets | AMS-C-29602<br>(supersedes MIL-C-29602)                                 |  |  |  | X            |    |
|   | Type I (Liquid<br>concentrate)  | 6850-01-431-2269<br>6850-01-431-2267<br>6850-01-431-2268                     | GL (1 GAL)<br>CN (5 GAL)<br>DR (55 GAL)                | Detergent for use in parts washers and spray cabinets to clean aviation weapons systems, engine, and support equipment components. Removes grease, oil, and dirt present on disassembled components. |              |    |
|   | Type II (Powder<br>concentrate)   | 6850-01-053-2789<br>6850-01-431-9025<br>6850-01-431-9024                     | LB (1 LB)<br>CO (50 LB)<br>DR (400 LB)                 |  |              |    |

Table 2-3. Cleaning Compounds (Cont.)

| Nomenclature   | Specifications/<br>Part No.  | National Stock<br>Number   | Unit of<br>Issue  | Intended Use   | Usable<br>On |    |
|--|--|--|---|--|--------------|----|
|  |  |  |   |  | AC           | AV |
| Deicing/Anti-Icing<br>Fluid, Aircraft  | AMS 1424 (supersedes<br>MIL-A-8243)<br><br>Type I (Propylene Glycol<br>based)                  | 6850-01-435-6471<br>6850-01-435-6468<br>6850-01-435-6465<br>6850-01-449-9469                         | GL<br>CN (5 GL)<br>DR (55 GL)<br>CO (275 GL Tote)                       | Fluid is generally used heated, either diluted<br>with water, or as supplied, for the removal of,<br>and for time-limited protection against, deposits<br>of frost, ice, and snow on exterior aircraft<br>surfaces prior to take-off.  | X            |    |
| Cleaning<br>Compound,<br>Optical Lens<br>(Ready to Use)  | A-A-59199 (supersedes<br>MIL-C-43454)<br><br>Type I (20% alcohol)<br><br>Type II (57% alcohol) | 6850-00-392-9751<br>6850-00-227-1887<br><br>6850-00-188-9875   | BT (2 OZ)<br>QT<br><br>QT   | Cleaning exposed optical surfaces.   | X            |    |
| Disinfectant,<br>General Purpose,<br>Phenolic Type,<br>Concentrate                               | O-D-1435<br><br>Liquid<br><br>Powder (8 oz. pouches)   | 6840-00-530-7109<br><br>6840-00-753-4797   | BX (4, 1 GAL COs)<br><br>BX (12 EA)                                     | Treatment of relief tube areas.  | X            |    |
| Detergent: Liquid<br>(Nonionic),<br>General Purpose,<br>Concentrate for<br>Fresh or Sea<br>Water | MIL-D-16791<br><br>Type I (Water soluble)<br><br>Type II (Oil soluble)                         | 7930-00-282-9699<br>7930-00-985-6911<br>7930-00-282-9700<br><br>7930-00-531-9715<br>7930-00-531-9716 | GL (1 GAL)<br>CN (5 GAL)<br>DR (55 GAL)<br><br>GL (1 GAL)<br>CN (5 GAL) | Type I when dissolved in either fresh water or<br>sea water will remove grease, oil, and dirt from<br>a wide variety of surfaces.<br>Type II when dissolved in kerosene, diesel fuel,<br>high flash coal tar naphtha and similar<br>hydrocarbon solvents will remove grease, oil<br>sludge, some types of corrosion preventative<br>compounds and other similar soils. | X            | X  |
| Detergent:<br>External<br>Removable<br>Fuel Tank<br>Cleaner                                      | MIL-D-81956  | 6850-01-268-1754<br>6850-01-060-5921   | CN (5 GL)<br>DR (55 GL)   | Use for removing traces of flammable solvents<br>from aircraft external removable fuel tanks.  | X            |    |
| Water Repellent:<br>Window and<br>Windshield,<br>Glass and Plastic                               | MIL-W-6882   | 6850-00-139-5297   | BT (8 OZ)   | Anti-wetting film applied to exterior of glass or<br>acrylic plastic windows and windshields to<br>assure good visibility<br>under rain conditions.  | X            |    |



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Table 2-3. Cleaning Compounds (Cont.)

| Nomenclature   | Specifications/<br>Part No.  | National Stock<br>Number   | Unit of<br>Issue  | Intended Use   | Usable<br>On |    |
|--|--|--|---|--|--------------|----|
|  |  |  |   |  | AC           | AV |
| Metal Polish,<br>Aluminum  | A-A-59318<br>(supersedes MIL-P-6888)<br>Type I (Liquid)<br><br>Type II (Paste)         | 7930-00-266-7131<br>7930-00-267-1224<br><br>7930-00-734-4010                         | QT<br>GL<br><br>QT  | Polishing unpainted aluminum aircraft surfaces. The abrasive quality of the polish enables it to remove tarnish and produce a high lasting shine. The polish shall not be used on aluminum aircraft surfaces that are to be painted. | X            |    |
| Plastic Polish   | P-P-560<br>Type I (Liquid)   | 7930-00-634-5340<br>7930-00-935-3794   | PT<br>BX (24 EA)  | Cleaning and polishing of plastic materials to remove light scratches, and surface prep for application of an anti-static film which will prevent the electrostatic attraction of dust, lint, ash, etc. to the acrylic plastic.      | X            |    |
| Erasers, Rubber  | A-A-132<br>(supersedes ZZ-E-661)<br>Rectangular with beveled<br>ends                   | 7510-00-949-5055   | DZ (12 EA)  | Removal of light tarnish or corrosion from electrical connectors and avionics components.  | X            | X  |
| Cleaning and<br>Cleaning-Lubricating<br>Compounds,<br>Electrical Contact,<br>Low ODP | MIL-PRF-29608<br>Type I<br>Class L<br><br>Class C<br><br>Type II<br>Class L<br>Class C | 6850-01-394-9514<br><br>6850-01-412-5579<br><br>6850-01-453-5703<br>6850-01-453-5690 | BX (12 OZ<br>aerosol)<br>BX<br><br>CN (12 OZ can)<br>CN (12 OZ can) | Used for the cleaning of electrical contacts and switches. It is intended for the removal of aircraft avionics soils, salt, dielectric fluid and hydraulic fluid. Class C is used for cleaning electrical contacts.                  |              | X  |

Table 2-4. Cleaning Pads/Cloths

| Nomenclature  | Specifications/<br>Part No.   | National Stock<br>Number   | Unit of<br>Issue   | Intended Use  | Usable<br>On |    |
|---|---|--|--|---|--------------|----|
|   |   |  |  |   | AC           | AV |
| Face Respirator<br>Cleaning Wipe<br>(towelettes)                | 3M No. 504  | Open Purchase  | CS (500)   | Hygienic cleaning of respirators and other personal protective gear/equipment (alcohol-free formula).   | X            |    |
| Sponge, Aircraft<br>Cleaning<br>(synthetic<br>plastic)          | A-A-2073<br>(supersedes L-S-626)<br>Type I, Style B<br>Small<br>Large   | 7920-00-633-9908<br>7920-00-633-9915   | EA<br>EA   | Absorbent sponge for washing and straining.   | X            |    |
| Cleaning and<br>Scouring Pad,<br>Non-metallic (for<br>aircraft) | A-A-3100<br>(supersedes MIL-C-83957)<br>Type I (3/8" thick)<br>Type II (1" thick)   | 7920-00-151-6120<br>7920-00-171-1534   | PG (10 SH)<br>PG (10 SH)   | Non-woven, non-metallic, non-abrasive, polyester cleaning and polishing pads (12"L x 6"W) for use on aluminum aircraft surfaces. Replacement pads for aircraft wash kit (Table 3-1) | X            | X  |
| Leather Chamois<br>(Natural)                                    | KK-C-300<br>Grade B, Class 2  | 8330-00-823-7545   | PG (5)   | Absorbent towel for washing, polishing, and straining water and other impurities.   | X            |    |
| Cheesecloth<br>(100% Cotton)                                    | A-A-1491<br>(supersedes CCC-C-440)<br>Type I (Grade No. 90)<br>Type II (Grade No. 50)<br><br>Type III (Grade No. 10)            | 8305-00-262-3321<br>8305-00-205-3495<br>8305-00-205-3496<br>8305-01-125-0725   | BO (36" x 50 YD)<br>BO (36" x 100 YD)<br>PG (36" x 10 YD)<br>PG (36" x 5 YD)                 | Cleaning and polishing surfaces, and for straining paint. For general cleaning on external surfaces of avionic equipment.   | X            | X  |
| Cloth:<br>Non-woven<br>Wiping Cloths                            | A-A-162<br>(supersedes CCC-C-46)<br>Type I (Untreated)<br>Class 1 (Light duty)<br>Class 2 (Heavy duty)<br><br>Type II (Treated) | 7920-00-292-9204<br>7920-00-401-8034<br><br>7920-00-782-3779   | MX (1000 EA)<br>HD (100 EA)<br><br>HD (100 CS)   | General cleaning applications (e.g. wiping up grease and liquid spills).<br><br>Treated with oil for soil pick-up (not for use with water).   | X            |    |
| Cloth: Flannel,<br>Cotton                                       | A-A-50129<br>(supersedes CCC-C-458)   | 8305-00-913-5817   | BO (50 YD)   | Cleaning and polishing of plastic surfaces such as canopies, windscreens, cockpit indicator glass covers, plastic and acrylic control panels.                                       | X            | X  |
| Cloth: Cleaning,<br>Low-Lint (White)                            | A-A-59323<br>(supersedes MIL-C-85043)<br>Type I (Clean room use)<br>Type II (General use)                                       | 7920-00-165-7195<br>7920-00-044-9281   | BX (10 LB)<br>BX (10 LB)   | Cleaning of hydraulic components and fluid systems. Do not use these cloths with flammable solvents; such use may result in a fire.   | X            | X  |
| Lint-Free Cloth   | MIL-C-24671<br>Type I<br>Class A<br><br>Class B<br><br>Class C<br><br>Type II<br>Class A<br><br>Class B<br><br>Class C          | 7920-01-335-5068<br>7920-01-498-8072<br>7920-01-335-5069<br>7920-01-498-8068<br>7920-01-498-8082<br><br>7920-01-408-5474<br>7920-01-335-5070<br>7920-01-498-8060<br>7920-01-336-3470<br>7920-01-498-8076<br>7920-01-498-8074<br>7920-01-498-8080 | PG<br>PG<br>PG<br>PG<br>PG (6 x 6)<br><br>PG<br>PG<br>PG<br>PG<br>PG (6 x 6)<br>PG (12 x 13) | Cleaning of avionic and electronic equipment when lint cannot be tolerated.   |              | X  |
| Pipe Cleaner  | P/N: 840507   | 9920-00-292-9946   | BX (1344 EA)   | Cleaning small orifices and crevices.   | X            | X  |

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Table 2-5. Conformal Coatings

| Nomenclature  | Specifications/Part No.         | National Stock Number | Unit of Issue  | Intended Use                                       | Usable On   |    |   |  |
|---|---------------------------------|-----------------------|--|--|---|----|---|--|
|   |                                 |                       |  |  | AC  | AV |   |  |
| Silicone Adhesive-Sealant, One-Part, Room Temperature Vulcanizing (RTV), Non-fuel Resistant, Non-corrosive (Synthetic rubber) | MIL-A-46146                     | <b>COLOR</b>          |  |  | Also known as 738 RTV: For coating and patching RTV coated circuit boards and components.<br><b>NOTE:</b> Not flowable into crevices and hard to reach areas. |    | X |  |
|   |                                 |                       | Type I (Paste)   | Clear  |   |    |   | 8040-01-394-3735   |
|   | White                           | 8040-01-331-7133      |  | TU (3 OZ)  |   |    |   |  |
|   | White                           | 8040-00-118-2695      |  | KT (3 OZ)  |   |    |   |  |
|   | Gray                            | 8040-00-145-0020      |  | TU (3 OZ)  |   |    |   |  |
|   | Type II (Liquid, self-leveling) | Red                   | 8040-01-308-4963   | TU (3 OZ)  |   |    |   |  |
|   |                                 | Clear                 | 8040-01-331-7127   | TU (3 OZ)  |   |    |   |  |
|   |                                 | Clear                 | 8040-01-441-0671   | KT (3 OZ)  |   |    |   |  |
|   | Type III (High strength)        | Gray                  | 8040-01-375-4805   | TU (3 OZ)  |   |    |   |  |
|   |                                 | Clear                 | 8040-00-117-8510   | TU (3 OZ)  |   |    |   |  |
|   |                                 | White                 | 8040-01-157-9469   | TU (3 OZ)  |   |    |   |  |
|   |                                 | Gray                  | 8040-01-450-6545   | TU (3 OZ)  |   |    |   |  |
|   |                                 | Gray                  | 8040-01-275-5052   | KT (3 OZ)  |   |    |   |  |
|   |                                 |                       | Red  | 8040-00-902-3871                                   |   |    |   | KT (3 OZ)  |
|   | Varnish, Electrical Insulating  | ASTM D3955            | 5970-00-285-0269<br>5970-00-285-0271<br>5970-00-832-6950 | CN (5 Gal)<br>GL (1 Gal)<br>EA (16 oz aerosol can) |   |    |   | Moisture and fungus resistant varnish for electrical equipment and for clear coating on copper. For coating and patching of varnish coated circuit boards. Thinner: Thinner, Synthetic, Resin, Enamels, ASTM D263. |

Table 2-6. Corrosion Preventive Compounds

| Nomenclature  | Specifications/<br>Part No.  | National Stock<br>Number   | Unit of<br>Issue  | Intended Use  | Usable<br>On |    |
|---|--|--|---|---|--------------|----|
|   |  |  |   |   | AC           | AV |
| Corrosion Preventive Compound, Solvent Cutback, Cold Application  | MIL-PRF-16173<br>Class II Grade 1<br>(Hard film, low VOC)                | 8030-01-396-5731<br>8030-01-396-5732<br>8030-01-347-0970<br>8030-01-396-5237                     | PT<br>GL (1 GAL)<br>CN (5 GAL)<br>DR (55 GAL)                       | Long term protection of metal surfaces against corrosion with or without coverings (indoors or outdoors).   | X            |    |
|   | Class I Grade 2<br>(Soft film)   | 8030-00-118-0666<br>8030-01-149-1731<br>8030-00-244-1297<br>8030-00-244-1298<br>8030-00-244-1295 | CN (11 OZ Aerosol)<br>QT<br>GL (1 GAL)<br>CN (5 GAL)<br>DR (55 GAL) | Thick, grease-like consistency for protecting metal surfaces against corrosion during rework or storage. Includes extended indoor protection of interior or exterior surfaces without the use of barrier materials. For outdoor protection, this material can only be used for a limited time where temperature is not extreme. | X            |    |
|   | Class II Grade 4<br>(Transparent, non-tacky soft film, low VOC)          | 8030-01-396-5738<br>8030-01-396-5743<br>8030-01-347-0972<br>8030-01-396-5736                     | PT<br>GL (1 GAL)<br>CN (5 GAL)<br>DR (55 GAL)                       | Thin, transparent, tack-free protective film for protection of metal surfaces against corrosion during indoor storage and limited outdoor preservation. Use on control cables, fasteners, bare metal areas, or anywhere temporary (30 days or less) protection is needed.   | X            | X  |
| Corrosion Preventive Compound, Water Displacing, Clear (AMLGUARD) | MIL-DTL-85054<br>Type I (Self Pressurized Spray)                         | 8030-01-066-3971<br>8030-01-347-0980   | CN (12 OZ Aerosol)<br>CN (14 OZ Aerosol)                            | Temporary repair of small paint damage areas from chips, scratches, or cracks. Intended for use on non-moving parts not requiring a lubricated surface, such as fasteners, seams, access panels, joints, unpainted metal, etc.  | X            |    |
|   | Type II (Bulk form)  | 8030-01-347-0983<br>8030-01-347-0981<br>8030-01-347-0982   | BT (32 OZ Sprayer)<br>QT (32 OZ. Can)<br>CN (5 GAL)                 |   |              |    |
| Corrosion Preventive Compound, Water Displacing, Ultra-Thin Film  | MIL-C-81309<br>Type II<br>Class 1 (Non pressurized)                      | 8030-00-213-3279<br>8030-00-262-7358<br>8030-00-524-9487   | GL (1 GAL)<br>CN (5 GAL)<br>DR (55 GAL)                             | Type II Water displacing CPC: may be applied by dipping, spraying, brushing or from pressurized containers. Suitable for use on any metal surface for indoor and short term outdoor protection where surfaces can be re-coated when required. <b>NOTE:</b> It should not be used around liquid oxygen fittings.                 | X            | X  |
|   | Class 2 (Pressurized container)  | 8030-00-938-1947   | CN (16 OZ Aerosol)  |   |              |    |
|   | Type III<br>Class 1 (Non pressurized)<br>Class 2 (Pressurized container) | 8030-01-347-0978<br>8030-00-546-8637   | GL (1 GAL)<br>CN (16 OZ Aerosol)                                    | Type III Water displacing CPC for use on avionic equipment, electrical connector plugs, and contact points.   |              |    |

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Table 2-6. Corrosion Preventive Compounds (Cont.)

| Nomenclature   | Specifications/Part No.   | National Stock Number  | Unit of Issue  | Intended Use  | Usable On |    |
|--|---|--|--|---|-----------|----|
|  |   |  |  |   | AC        | AV |
| Lubricating Oil, General Purpose, Preservative (Water Displacing, Low Temperature) | MIL-PRF-32033<br>(supersedes VV-L-800)  | 9150-00-273-2389<br>9150-00-458-0075<br>9150-01-374-2021<br>9150-00-231-6689<br>9150-00-231-9045<br>9150-00-231-9062<br>9150-00-281-2060                             | CN (4 OZ)<br>CN (16 OZ Aerosol)<br>PT (16 OZ Sprayer)<br>QT<br>GL (1 GAL)<br>CN (5 GAL)<br>DR (55 GAL)       | The oil can be applied by dipping, brushing, or spraying for lubricating and short term protection of parts against corrosion.  | X         | X  |
| Lubricant, Cleaner, and Preservative for Weapons and Weapons Systems (CLP)         | MIL-PRF-63460   | 9150-01-079-6124<br>9150-01-054-6453<br>9150-01-327-9631<br>9150-01-053-6688   | BT (4 OZ Squeeze)<br>PT (16 OZ Sprayer)<br>QT (32 OZ Sprayer)<br>GL (1 GAL)                                  | Lubrication and short term preservation of aircraft hinges, and small and large caliber weapons. NOTE: Do not use MIL-PRF-63460 on rubber or other elastomeric materials. Use only in areas from which solvents can evaporate. Do not use as a direct substitute for MIL-PRF-32033. | X         | X  |
| Corrosion Preventive Compound, Petroleum, Hot Application                          | MIL-C-11796<br>Class 1<br>(Hard film compound)<br><br>Class 1A<br>(Hard film, non-slick)<br><br>Class 3<br>(Soft film compound) | 8030-00-231-2354<br>8030-00-597-3288<br>8030-00-231-2352<br><br>8030-00-823-8054<br>8030-00-514-1843<br><br>8030-00-598-5915<br>8030-00-231-2353<br>8030-00-285-1570 | CN (5 LB)<br>CN (35 LB)<br>DR (400 LB)<br><br>CN (35 LB)<br>DR (400 LB)<br><br>PT<br>CN (5 LB)<br>CN (35 LB) | Preservation of interior surfaces of structural aluminum alloy tubing assemblies.   | X         |    |
| Linseed Oil, Boiled  | ASTM D260<br>(supersedes A-A-371)   | 8010-00-244-8961<br>8010-00-814-3057<br>8010-00-152-3245<br>8010-00-684-8789<br>8010-00-242-6114   | PT<br>QT<br>GL<br>CN (5 GAL)<br>DR (55 GAL)  | Preservation of interior surfaces of structural carbon steel tubing assemblies.   | X         |    |
| Lubricants, Water Displacing, Synthetic with Corrosion Inhibitor                   | MIL-L-87177 Type I Grade B  | 6850-01-328-3617   | CN (16 OZ Aerosol)   | Lubrication and preservation of aircraft hinges and jackscrews. Corrosion protection of components with moving parts requiring minimal lubrication. Not as water-displacing or penetrating as MIL-C-81309 or MIL-PRF-32033.   | X         |    |

Table 2-7. Lubricants

| Nomenclature  | Specifications/<br>Part No.  | National Stock<br>Number   | Unit of<br>Issue  | Intended Use   | Usable<br>On |    |
|---|--|--|---|--|--------------|----|
|   |  |  |   |  | AC           | AV |
| Grease: Aircraft,<br>General Purpose,<br>Wide Temperature<br>Range<br>(-65° F to 350° F)            | MIL-PRF-81322<br>Grade 1   | 9150-01-378-0744<br>9150-01-378-0559<br>9150-01-378-0693   | TU (8 OZ)<br>CN (1.75 LB)<br>CN (6.5 LB)  | Lubricating aircraft arresting gear sheave spacers and other equipment that operate under high contact loads and high sliding speeds.  | X            |    |
|   | Grade 2  | 9150-00-181-7724<br>9150-01-262-3358<br>9150-00-944-8953   | TU (8 OZ)<br>CA (14 OZ)<br>CN (1.75 LB)   | Lubricating aircraft wheel bearings and internal brake wheel assemblies, anti-friction bearings, gearboxes, and plain bearings.  |              |    |
| Grease: Aircraft and Instrument, Gear and Actuator Screw, Low Temperature Range (-100° F to 250° F) | MIL-PRF-23827  | 9150-00-985-7244<br>9150-00-985-7245<br>9150-00-935-4017<br>9150-00-985-7246<br>9150-00-985-7247<br>9150-00-985-7248                         | TU (4 OZ)<br>TU (8 OZ)<br>CA (14 OZ)<br>CN (1.75 LB)<br>CN (6.5 LB)<br>CN (35 LB)                   | Lubricant and gelling agent for use in ball, roller and needle bearings, gears and on sliding and rolling surfaces of such equipment as instruments, cameras, electronic gear and aircraft control systems that are subject to extreme marine and low temperature conditions. It can be used for rolling and sliding surfaces of equipment having low motivating power (low torque equipment). Also intended for general use on aircraft gears, actuator screws, and other equipment requiring a lubricant with high load carrying capacity. | X            |    |
| Grease: Plug Valve, Gasoline, Oil, and Water Resistant  | AMS-G-6032<br>(formerly MIL-G-6032)<br>Type I (Bulk)<br><br>Type II (Cylindrical sticks)<br>Class A (1/4"D x 7/8"L)<br>Class B (13/32"D x 1-3/8"L)<br>Class C (35/64"D x 2"L)<br>Class D (21/32"D x 2-7/16"L)<br>Class G (55/64"D x 3-3/8"L) | 9150-00-190-0926<br>9150-00-257-5360<br><br>9150-00-261-8287<br>9150-00-261-8289<br>9150-00-261-8290<br>9150-00-261-8291<br>9150-00-261-8292 | CN (8 OZ)<br>CN (1.75 LB)<br><br>BX (24 EA)<br>BX (24 EA)<br>BX (24 EA)<br>BX (24 EA)<br>BX (24 EA) | Lubrication of tapered plug valves. The two types provide for the use in high pressure lubrication equipment or for servicing those valves which require a stick type lubricant. Also may be used as a gasket lubricant or seal and for general plug valve service in systems where gasoline, oil, alcohol, or water resistance is required.   | X            |    |
| Grease: Aircraft and Instrument, Fuel and Oxidizer Resistant  | MIL-PRF-27617<br>Type I<br>(-65° F to 300° F)<br><br>Type III<br>(-30° F to 400° F)  | 9150-01-007-4384<br>9150-01-311-9771<br><br>9150-00-961-8995<br>9150-01-358-5154   | TU (8 OZ)<br>CN (1.75 LB)<br><br>TU (8 OZ)<br>CN (1 LB)   | Lubrication of taper plug valves, gaskets, and bearings in fuel systems of aircraft and ground support equipment. Also suitable for use in liquid oxygen systems as a lubricant for valves, threads, and bearings in aerospace vehicles and supporting equipment. May not be suitable for aluminum and magnesium dynamic bearing lubrication because of possible ignition hazards. Type III is more commonly known as "Krytox" and is liquid oxygen (LOX) compatible.  | X            |    |
| Hydraulic Fluid, Fire Resistant, Synthetic Hydrocarbon Base   | MIL-PRF-83282  | 9150-00-149-7431<br>9150-00-149-7432<br>9150-00-281-6191<br>9150-01-009-7709<br>9150-00-180-6290   | QT<br>GL (1 GAL)<br>CN (5 GAL)<br>DR (10 GAL)<br>DR (55 GAL)  | May be used as a cleaner on steel surfaces. Contains additives to provide anti-wear characteristics and inhibit oxidation and corrosion. Use for wiping struts and surfaces of hydraulic components.   | X            |    |
| Petrolatum, Technical   | VV-P-236   | 9150-01-444-1171<br>9150-00-250-0926<br>9150-00-250-0933   | TU (8 OZ)<br>CN (1.75 LB)<br>CN (7.5 LB)  | Light lubricating grease that can be used as a release agent for sealant applications.   | X            |    |

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Table 2-7. Lubricants (Cont.)

| Nomenclature   | Specifications/<br>Part No.  | National Stock<br>Number   | Unit of<br>Issue  | Intended Use   | Usable<br>On |    |
|--|--|--|---|--|--------------|----|
|  |  |  |   |  | AC           | AV |
| Grease: Molybdenum Disulfide, Low and High Temperatures, Oxidation and Water Resistant (-100° F to 250° F) | MIL-G-21164  | 9150-00-935-4018<br>9150-00-754-2595<br>9150-00-223-4004<br>9150-00-965-2003<br>9150-01-219-1629                             | CA (14 OZ)<br>CN (1.75 LB)<br>CN (6.5 LB)<br>CN (35 LB)<br>DR (44 LB) | Lubricant for accessory splines, heavy loaded sliding steel surfaces, or for anti-friction bearings carrying high loads and operating through wide temperature ranges where molybdenum disulfide will prevent or delay seizure in the event of inadequate lubrication. Should not be used for wheel bearings or for other than steel surfaces without authorization.   | X            |    |
| Grease: Pneumatic System, for Cutting, Lubricating, and Hydraulic  | AMS-G-4343<br>(formerly MIL-G-4343)  | 9150-00-119-9291<br>9150-00-269-8255   | TU (2 OZ)<br>CN (1.75 LB)   | Lubricant between rubber and metal parts of pneumatic systems. It may also be used for pressurized cabin bulkhead grommets and other mechanisms requiring rubber to metal lubrication.   | X            |    |
| Grease: Aircraft, Helicopter Oscillating Bearing (-65° F to 160° F)  | MIL-G-25537  | 9150-00-478-0055<br>9150-00-616-9020<br>9150-00-721-8570<br>9150-00-721-8581   | CA (14 OZ)<br>CN (1.75 LB)<br>CN (6.5 LB)<br>CN (35 LB)               | Lubrication of bearings having oscillatory motion of small amplitude.  | X            |    |
| Grease: Aircraft, Ball and Roller Bearing (-100° F to 450° F)  | MIL-G-25013  | 9150-00-823-8048<br>9150-00-935-4019<br>9150-01-234-5866<br>9150-00-141-6770<br>9150-00-141-6771                             | TU (8 OZ)<br>CA (14 OZ)<br>CN (1 LB)<br>CN (1.75 LB)<br>CN (35 LB)    | Ball and roller bearing lubrication. It may be used on aircraft actuators, gear boxes, and similar equipment where authorized by applicable maintenance manual.  | X            |    |
| Lubricant: Molybdenum Disulfide and Silicone Oil based   | DOD-L-25681  | 9150-00-543-7220   | LB (1 LB)   | Lubricant for use on slow-speed sliding surfaces subject to high temperatures in aircraft gas turbine engines and as an antiseize compound on threaded parts.  | X            |    |
| Lubricant: Solid Film, Heat-Cured, Corrosion Inhibiting  | MIL-L-46010<br>Type I<br><br>Type II<br><br>Type III<br>Color 1 (Natural)<br>Color 2 (Black) | 9150-00-834-5608<br>9150-00-985-7255<br><br>9150-00-948-6912<br><br>9150-00-948-7025<br>9150-01-416-9506<br>9150-01-416-9509 | PT<br>GL<br><br>QT<br><br>GL<br>GL<br>GL                              | Lubricant for use to reduce wear and prevent galling, corrosion, and seizure of metals. Ideal for sliding motion applications such as plain and spherical bearings, flap tracks, hinges, thread, and cam surfaces. It is also useful where a solvent-resistant coating is required, and where long-term corrosion protection is needed under static conditions.<br><br>Before using Type III in lieu of Types I and II, engineering authorization is needed. | X            |    |
| Lubricant: Solid Film, Air-Cured, Corrosion Inhibiting   | MIL-L-23398<br>Type I (Bulk)<br><br>Type II (Aerosol)  | 9150-00-954-7422<br><br>9150-01-260-2534   | CN (1 QT)<br><br>CN (16 OZ<br>Aerosol)                                | Lubricant can be applied by dipping, brushing, or spraying for use on steel, titanium, or aluminum bearing surfaces where moderate wear life and corrosion protection is desired. It is suitable for sliding motion applications such as in plain spherical bearings, flap tracks, hinges and cam surfaces, especially where it is not feasible to use the type of solid film lubricant which requires baking at an elevated temperature.                    | X            | X  |
| Damping Fluid, Lubricant, Dimethyl Polysiloxane Silicone   | VV-D-1078<br>Grade 100 CST<br><br>Grade 100,000 CST  | 9150-00-269-8246<br>9150-00-404-3435<br><br>9150-00-292-9609   | LB<br>DR (55 GAL)<br><br>LB   | Lubricant for use on small switches and potentiometers where a residual lubricant is required after cleaning.  |              | X  |

Table 2-8. Masking Materials

| Nomenclature  | Specifications/<br>Part No.  | National Stock<br>Number   | Unit of<br>Issue   | Intended Use  | Usable<br>On |    |
|---|--|--|--|---|--------------|----|
|   |  |  |  |   | AC           | AV |
| Paint Masking<br>Paper with<br>adhesive back<br>(Light brown in<br>color) | Ready-Mask <sup>TM</sup><br>(3M No. 850DC)   | Open Purchase<br>Open Purchase<br>Open Purchase  | RO (2" x 180")<br>RO (3" x 400")<br>RO (3.25" x 75')   | Paper masking tape with adhesive along<br>one edge. Protects surfaces from paint<br>splatters and overspray. Easy to apply<br>and comes off cleanly with no adhesive<br>transfer. | X            |    |
| Paper, Kraft,<br>Untreated  | A-A-203<br>Style 1 (Rolls)<br>50 lb weight<br><br>60 lb weight<br><br>70 lb weight<br><br>80 lb weight<br><br>Style 1 (Sheets)<br>30 lb weight (850 sheets)<br>70 lb weight (200 sheets) | 8135-01-337-5370<br>8135-01-160-7764<br>8135-00-160-7768<br>8135-00-160-7769<br>8135-00-160-7771<br>8135-00-160-7772<br>8135-00-160-7776<br>8135-00-160-7778<br><br>8135-00-290-3408<br>8135-00-290-5504 | RO (3' x 200")<br>RO (3' x 980")<br>RO (3' x 820")<br>RO (4' x 620")<br>RO (3' x 700")<br>RO (4' x 700")<br>RO (3' x 615")<br>RO (4' x 615")<br><br>SH (2' x 3')<br>SH (3' x 4') | Protection of surrounding areas during<br>paint spray sealant application, or grit<br>media blasting operations.  | X            | X  |
| Plastic Sheet,<br>Polyethylene,<br>Heat Resistant,<br>(1/8" thick)        | MIL-PRF-5425   | 9330-00-202-1890<br>9330-00-292-9810   | SH (36" x 48")<br>SH (40" x 50")   | Transparent polyethylene sheet used for<br>wet tape adhesion testing (Appendix A)<br>and protecting surrounding surfaces<br>during paint spraying and sealant<br>application.     | X            |    |



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Table 2-9. Neutralizing Agents

| Nomenclature  | Specifications/<br>Part No.                              | National Stock<br>Number                                 | Unit of<br>Issue                       | Intended Use   | Usable<br>On |    |
|---|--|--|--|--|--------------|----|
|   |  |  |  |  | AC           | AV |
| Fire Extinguishing Agent, Aqueous Film Forming Foam (AFFF) Liquid Concentrate, for Fresh and Seawater | MIL-F-24385<br>Type 3 (Green)                            | 4210-01-139-4972<br>4210-01-144-0291                     | CN (5 GAL)<br>DR (55 GAL)              | Concentrate for mechanical foam generating equipment such as fire-fighting trucks or foam sprinkler systems for extinguishing fires. Dilute and use the AFFF agent with fresh or sea water in the following proportion to achieve optimum performance: 3 part Type 3 conc. to 97 part water and 6 part Type 6 conc. to 94 part water. Current shipboard equipment requires Type 6. | X            |    |
|   | Type 6 (Blue)  | 4210-01-056-8343<br>4210-01-056-0883                     | CN (5 GAL)<br>DR (55 GAL)              |  |              |    |
| Ammonium Hydroxide, Technical (Aqua Ammonia)  | A-A-59370<br>(supercedes O-A-451)<br>Type I (30% by wt.) | 6810-00-584-3793<br>6810-00-527-2476<br>6810-00-817-9929 | PT<br>QT<br>GL                         | Neutralizing agent for acids in urine. Also used to assist in dissolving Bromothymol Blue reagent.   | X            | X  |
| Sodium Bicarbonate, Technical (Baking Soda)   | ASTM D928<br>(supercedes A-A-374)                        | 6810-00-264-6618<br>6810-00-297-0092                     | BX (1 LB)<br>BG (50 LB)                | Neutralizing sulfuric acid electrolyte deposits from lead acid batteries.  | X            | X  |
| Vinegar, White, Distilled   | Z-V-401  | 8950-00-307-5585<br>8950-01-451-4135                     | GL<br>CS (6, 1 GAL)                    | Neutralizing potassium hydroxide electrolyte deposits from nickel-cadmium batteries  | X            |    |
| Sodium Phosphate, Monobasic, Anhydrous, Technical   | ANSI/AWWA B504<br>(supercedes MIL-S-13727)               | 6810-00-281-1858   | BG (100 LB)                            | Neutralizing potassium hydroxide electrolyte deposits from nickel-cadmium batteries.   | X            | X  |
| Boric Acid  | A-A-59282<br>(supersedes O-C-265)                        | 6810-00-264-6535<br>6810-00-824-9090<br>6810-00-153-0191 | BT (500 GM)<br>CN (5 LB)<br>BG (25 LB) | Neutralizing potassium hydroxide electrolyte deposits from nickel-cadmium batteries.   | X            | X  |

Table 2-10. Packaging/Protective Materials

| Nomenclature   | Specifications/<br>Part No.   | National Stock<br>Number   | Unit of<br>Issue   | Intended Use   | Usable<br>On |    |
|--|---|--|--|--|--------------|----|
|  |   |  |  |  | AC           | AV |
| Barrier Material,<br>Flexible,<br>Greaseproof,<br>Waterproof                       | MIL-PRF-121<br>Type I (Medium Duty)   | 8135-00-292-9719<br>8135-00-233-3871<br>8135-00-543-6574<br>8105-01-046-2875   | RO (36" x 100 YD)<br>RO (36" x 200 YD)<br>RO (48" x 100 YD)<br>RO (8" x 16" BG)                                  | General purpose masking material<br>used for protecting equipment and<br>supplies during transportation and<br>storage under all climate conditions.   | X            |    |
|  | Type II (Light Duty)  | 8135-00-224-8885<br>8135-00-543-6573   | RO (36" x 200 YD)<br>RO (72" x 200 YD)   |  |              |    |
| Cushioning<br>Material, Resilient,<br>Low Density,<br>Unicellular<br>Polypropylene | PPP-C-1797<br>Type 1<br>0.125" thick<br>450 ft x 72"<br>450ft x 24"<br>450 ft x 12 "  | 8135-01-013-1824<br>8135-00-129-9523<br>8135-00-300-4904   | RO<br>BD (3 rolls)<br>BD   | Lint-free, non-dusting, non-abrasive.<br>For cushioning equipment, and<br>protection against shock. Provides<br>protection against moisture. Use in<br>conjunction with Barrier Material water<br>vapor proof, MIL-PRF-131. Seal with<br>Pressure Sensitive Tape, SAE AMS-T-<br>22085. |              | X  |
|  | 0.25" thick<br>225 ft x 30 "<br>225 ft x 24 "<br>225 ft x 12"<br>225 ft x 72"<br>225 ft x 72"   | 8135-00-300-4905<br>8135-00-601-9221<br>8135-00-601-9224<br>8135-01-008-8099<br>8135-01-286-6449   | BD (3 rolls)<br>BD (4 rolls)<br>RO<br>RO<br>RO   |  |              |    |
| Cushioning<br>Material, Plastic<br>Open Cell                                       | A-A-3129<br>(supercedes PPP-C-1842)<br>0.25" thick<br>Style A, Type 3<br>500 ft x 24"<br>375 ft x 24"   | 8135-01-087-3599<br>8135-01-087-3602   | BD (2 rolls)<br>BD (2 rolls)   | Used for cushioning and wrapping<br>equipment.   |              | X  |
|  | Type 1 Style B Class 1 Grade B<br>500 ft x 24"<br>500 ft x 6"<br>500 ft x 48"<br>500 ft x 12"<br>Type 1 Style B Class 2 Grade B<br>375 ft x 12"<br>375 ft x 48"<br>375 ft x 6"<br>0.125" Thick<br>Type 1 Style B Class 1 Grade B<br>625 ft x 48"<br>625 ft x 24"<br>625 ft x 12"<br>625 ft x 6" | 8135-01-057-3603<br>8135-01-057-3605<br>8135-01-057-3607<br>8135-01-088-3849<br>8135-01-087-3603<br>8135-01-088-3850<br>8135-01-088-3851<br>8135-01-088-3845<br>8135-01-088-3846<br>8135-01-088-3847<br>8135-01-088-3848 | BD<br>BD<br>RO<br>BD (4 rolls)<br>BD (4 rolls)<br>BD<br>BD (8 rolls)<br>BD<br>BD (2 rolls)<br>BD<br>BD (8 rolls) |  |              |    |
| Cushioning<br>Material, Flexible,<br>Closed Cell Plastic<br>Film (Bubble<br>Wrap)  | PPP-C-795<br>0.5" thick<br>250 ft x 48"<br>250 ft x 24"   | 8135-00-142-9004<br>8135-00-926-8991   | RO<br>BD   | For cushioning equipment and<br>protection against shock. Provides<br>limited protection against moisture.<br>Seal with Pressure Sensitive Tape,<br>SAE AMS-T-22085.   | X            | X  |
|  | 0.188" thick<br>500 ft x 12"<br>500 ft x 16"<br>500 ft x 24"<br>500 ft x 48"<br>45 ft x 48"<br>0.312" thick<br>375 ft x 24"   | 8135-00-142-9005<br>8135-00-142-9008<br>8135-00-142-9016<br>8135-00-142-9021<br>8135-01-061-2262<br>8135-01-050-7970   | BD<br>BD<br>BD<br>RO<br>RO<br>BD (2 rolls)   |  |              |    |
| Plastic Sheet and<br>Strip, Clear,<br>Polyolefin                                   | A-A-3174<br>(supersedes L-P-378)  | 8135-01-066-3217   | RO (6' x 100')   | Protection of acrylic canopies during<br>washing operations.   | X            |    |

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Table 2-10. Packaging/Protective Materials (Cont.)

| Nomenclature   | Specifications/<br>Part No.   | National Stock<br>Number   | Unit of<br>Issue   | Intended Use  | Usable<br>On |    |
|--|---|--|--|---|--------------|----|
|  |   |  |  |   | AC           | AV |
| ESD Fast Pack<br>Container<br>(Reusable Box<br>With Cushioning)                          | PPP-B-1672<br>Type II Style D<br>6" x 5" x 2.5"<br>18" x 12" x 3.5"<br>18" x 12" x 2.5"<br>13" x 13" x 3.5"<br>10" x 10" x 3.5"<br>16" x 16" x 3.5"<br>24" x 16" x 3.5"<br>6" x 9" x 4.5" | 8115-00-787-2142<br>8115-01-019-4084<br>8115-01-019-4085<br>8115-01-057-1243<br>8115-01-057-1244<br>8115-01-057-1245<br>8115-01-093-3730<br>8115-01-499-0898 | EA<br>EA<br>EA<br>EA<br>EA<br>EA<br>EA<br>EA               | For storage/shipment of<br>avionic/electronic equipment.  |              | X  |
| Polyethylene<br>Foam   | A-A-59135<br>Class A  | 8135-01-059-4636<br><br>8135-01-508-3702   | RO(450 ft x 60",<br>0.125" thick)<br><br>SH (0.188" thick) | For cushioning equipment and<br>protection against shock on shelves,<br>work benches, and pallets. Use double<br>layers for heavy equipment.  |              | X  |
| Polyethylene<br>Foam   | A-A-59136<br>Type 1 Class 1 Grade B   | 8135-01-440-6560   | SH (120" x 36",<br>0.5" thick)                             | For cushioning equipment and<br>protection against shock on shelves,<br>work benches, and pallets. Use double<br>layers for heavy equipment.  |              | X  |
| Bags, Plastic<br>(General Purpose)   | MIL-DTL-81997   | 8105-01-205-0207<br>(8" x 12")<br>8105-01-197-2965<br>(12" x 12")<br>8105-01-197-2966<br>(10" x 10")<br>8105-01-197-7846<br>(10" x 12")                      | HD<br>EA<br>EA<br>EA                                       | For protection of avionic/electronic<br>equipment.  |              | X  |
| Barrier Material,<br>Flexible,<br>Electrostatic<br>Protective, Heat<br>Sealable          | MIL-PRF-81705<br>Type I<br>3' x 600'<br>3' x 150'<br>Type II<br>48" x 48"<br>36" x 24"  | 8135-00-092-3220<br>8135-01-185-6816<br><br>8135-01-158-7786<br>8135-01-163-3486   | RO<br>RO<br><br>EA (sheet)<br>EA (sheet)                   | To provide ESD/EMI packaging<br>protection for hardware and<br>components. May be used for long or<br>short term protection. Seal with heat<br>seal.  | X            | X  |
| Barrier Material,<br>Water Vapor<br>Proof,<br>Greaseproof,<br>Flexible, Heat<br>Sealable | MIL-PRF-131<br>Class 1  | 8135-00-282-0565<br><br>8135-01-499-5302   | RO (36" x 200 YD)<br><br>RO (72" x 200 YD)                 | For protecting miniature and<br>microminiature circuit components,<br>laminated circuit boards, and critical<br>avionic components, against moisture<br>and contamination. Heat sealable,<br>protects material during transportation<br>and storage under all weather<br>conditions. Use for aircraft preservation<br>(sealing aircraft openings, protection of<br>canopies). | X            | X  |

Table 2-11. Paint Removers

| Nomenclature  | Specifications/<br>Part No.  | National Stock<br>Number   | Unit of<br>Issue                                      | Intended Use   | Usable<br>On |    |
|---|--|--|---|--|--------------|----|
|   |  |  |   |  | AC           | AV |
| Remover, Paint,<br>No Hazardous Air<br>Pollutants (HAPs)              | TT-R-2918 Type I<br>Turco 6813E                                      | 8010-01-441-6143<br>8010-01-441-5950   | CN (5 GAL)<br>DR (55 GAL)                             | Ideal for use in localities where methylene chloride (e.g. MIL-R-81294) based paint removers are restricted or prohibited. Requires a little longer dwell time to lift coatings from parts than MIL-R-81294. | X            |    |
| Remover, Paint,<br>Epoxy, Polysulfide,<br>and Polyurethane<br>Systems | MIL-R-81294 Type I<br>Class 1 (Phenolic)                             | 8010-00-142-9273<br>8010-00-181-7568<br>8010-00-926-1488<br>8010-00-926-1489 | PT (16 OZ)<br>GL (1 GAL)<br>CN (5 GAL)<br>DR (55 GAL) | Removes aircraft paint coatings from metal surfaces. Methylene chloride, phenol, and sodium chromate based paint remover.  | X            | X  |
|   | Class 2 (Non-phenolic)   | 8010-01-261-6067   | CN (5 GAL)  | Use where phenolic paint removers are NOT allowed.   |              |    |
| Remover, Paint,<br>Tank Type  | MIL-PRF-83936  | 8010-01-374-4337   | DR (55 GAL)   | Use for immersion tank paint stripping at Intermediate and Depot level maintenance activities. Alternate for AMS-C-19853.  | X            |    |
| Carbon Removing<br>Compound,<br>(For Use in Agitated<br>Tank)         | AMS-C-19853<br>(supercedes MIL-C-19853)<br>Type I (Phenolic) Class 2 | 6850-00-543-7801<br>6850-00-550-7453   | CN (5 GAL)<br>DR (55 GAL)                             | Removes carbon and paint from engine components.   | X            |    |
|   | Type II (Non-phenolic) Class 2                                       | 6850-01-138-7551<br>6850-01-138-7550   | CN (5 GAL)<br>DR (55 GAL)                             | Use where phenolic paint removers are NOT allowed. <b>NOTE:</b> This paint remover is methylene chloride based.  |              |    |

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Table 2-12. Paint Thinners

| Nomenclature                                  | Specifications/<br>Part No.                                 | National Stock<br>Number   | Unit of<br>Issue                                    | Intended Use   | Usable<br>On |    |
|---|---|--|---|--|--------------|----|
|   |   |  |   |  | AC           | AV |
| Paint Thinner for<br>Aircraft Coatings        | MIL-T-81772<br>Type I (polyurethane<br>thinner)             | 8010-00-181-8080<br>8010-00-181-8079<br>8010-00-280-1751   | GL (1 GL)<br>CN (5 GL)<br>DR (55 GL)                | Use to reduce aircraft paint coatings. Type I of<br>this spec. can be used to prep aircraft surfaces<br>prior to painting, but check with local<br>environmental office for concurrence before<br>using this material as a cleaner/degreaser. Do<br>not use on polycarbonate or acrylic materials. | X            | X  |
|   | Type II (epoxy thinner)                                     | 8010-01-200-2637<br>8010-01-212-1704<br>8010-01-168-0684   | GL (1 GL)<br>CN (5 GL)<br>DR (55 GL)                |  |              |    |
|   | Type III (acrylic and<br>alkyd thinner)                     | 8010-01-165-6760<br>8010-01-247-8880   | CN (1 GL)<br>DR (55 GL)                             |  |              |    |
| Paint Thinner,<br>Mineral Spirits             | A-A-2904<br>(supercedes<br>TT-T-291)<br>Type III (Odorless) | 8010-00-837-7969   | GL (1 GL)   | Use to reduce aircraft paint coatings. Check<br>with local environmental office before using this<br>material to thin paints because its use is limited<br>by emission standards.  | X            |    |
| Thinner                                       | A-A-3007  | 8010-01-441-5938<br>8010-01-441-5940<br>8010-01-441-5941<br>8010-01-441-5942                     | QT<br>GL (1 Gal)<br>CN (5 Gal)<br>DR (55 Gal)       | Use for thinning varnish. CAUTION: Do not<br>use in lacquers.  |              | X  |
| Thinner, Acrylic<br>Nitrocellulose<br>Lacquer | A-A-857   | 8010-00-160-5786<br>8010-00-165-5540<br>8010-00-160-5787<br>8010-00-160-5788<br>8010-00-160-5789 | PT<br>QT<br>GL (1 Gal)<br>CN (5 Gal)<br>DR (55 Gal) | For thinning MIL-PRF-81352 lacquers, MIL-<br>PRF-22750 epoxy topcoats, and MIL-PRF-<br>23377 primer.   |              | X  |

Table 2-13. Paints - Primers

| Nomenclature  | Specifications/<br>Part No.   | National Stock<br>Number   | Unit of<br>Issue   | Intended Use   | Usable<br>On |    |
|---|---|--|--|--|--------------|----|
|   |   |  |  |  | AC           | AV |
| Primer,<br>Alkyd Base<br>(Zinc Chromate),<br>One Component<br>(340 g/l VOC<br>max.) | TT-P-1757 Type II Class C<br>Color Y (Yellow)<br>Color T (Green)    | 8010-00-297-0593<br>8010-00-899-8825   | PT (16 OZ Aerosol)<br>PT (16 OZ Aerosol)   | Touch-up of interior aircraft surfaces.  | X            |    |
| Primer,<br>Polyurethane,<br>Elastomeric<br>(340 g/l VOC<br>max.)                    | TT-P-2760<br>Type I (Yellow) Class C                                | 8010-01-357-7868   | KT (1 GAL)   | Corrosion inhibited, flexible primer coating for polyurethane topcoats. For use on aircraft (e.g. leading edges) and other equipment (e.g. land gears) subjected to structural flexing at low temperature.   | X            |    |
| Primer, Epoxy,<br>High Solids<br>(340 g/l VOC<br>max.)                              | MIL-P-23377<br>Type I (Yellow) Class C                              | 8010-01-441-6030<br>8010-01-387-1033<br>8010-01-387-1069<br>8010-01-316-2552<br>8010-01-416-6556<br>8010-01-416-6557<br>8010-01-441-5849<br>8010-01-495-8652<br>8010-01-528-4864 | EA (SEMPEN)<br>KT (2 OZ)<br>KT (6 OZ)<br>KT (1 PT)<br>KT (4 PT)<br>KT (1 GAL)<br>KT (4 GAL)<br>EA (2 OZ BT)<br>CS (6 Aerosol CN) | Primer coating used with polyurethane topcoat MIL-PRF-85285 and epoxy topcoat MIL-PRF-22750. Use MIL-PRF-23377 Type II as a primer for exterior surfaces requiring tactical or camouflage (flat) paint finish systems. Type II may also be used as an alternate for Type I materials.  | X            | X  |
|   | Type II (Green) Class C   | 8010-01-441-6031<br>8010-01-439-0683<br>8010-01-437-8657<br>8010-01-417-1215<br>8010-01-312-1172<br>8010-01-495-8653   | EA (SEMPEN)<br>KT (3 OZ)<br>KT (4 PT)<br>KT (1 GAL)<br>KT (2 GAL)<br>EA (2 OZ BT)  |  |              |    |
| Primer, Epoxy,<br>Waterborne<br>(340 g/l VOC<br>max.)                               | MIL-PRF-85582<br>Type I Class C1 (Barium)<br>Interior (light green) | 8010-01-472-4489<br>8010-01-441-6142<br>8010-01-218-0856<br>8010-01-218-7354<br>8010-01-496-0705   | KT (1 PT)<br>KT (1 QT *)<br>KT (1 QT**)<br>KT (2 GAL)<br>EA (2 OZ BT)  | Primer coating used with polyurethane topcoat MIL-PRF-85285 and epoxy topcoat MIL-PRF-22750. Use MIL-PRF-85582 Type II as a primer for exterior surfaces requiring tactical or camouflage (flat) paint finish systems. Type II may also be used as an alternate for Type I materials.<br><br><b>NOTE:</b><br>* after thinning with water (Dilute)<br>** before thinning with water (Concentrate) | X            | X  |
|   | Type I Class C2<br>(Strontium)                                      | 8010-01-441-6032<br>8010-01-467-0160<br>8010-01-292-8894<br>8010-01-292-8893<br>8010-01-496-0695   | EA (SEMPEN)<br>KT (1 PT)<br>KT (1 QT**)<br>KT (2 GAL)<br>EA (2 OZ BT)  |  |              |    |
|   | Type I Class N  | 8010-01-466-9307   | KT (2 GAL)   |  |              |    |
|   | Type II Class C1<br>Exterior (dark green)                           | 8010-01-441-6141<br>8010-01-218-0858<br>8010-01-218-0857<br>8010-01-496-0706   | KT (1 QT *)<br>KT (1 QT**)<br>KT (2 GAL)<br>EA (2 OZ BT)   |  |              |    |
|   | Type II Class C2  | 8010-01-441-6033<br>8010-01-266-6576<br>8010-01-294-7782<br>8010-01-294-7781<br>8010-01-496-0698   | EA (SEMPEN)<br>KT (1 PT)<br>KT (1 QT)<br>KT (2 GAL)<br>EA (2 OZ BT)  |  |              |    |
|   | Type II Class N   | 8010-01-466-9313   | KT (2 GAL)   |  |              |    |

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Table 2-14. Paints - Topcoats

| Nomenclature   | Specifications/Part No. |                       | National Stock Number  | Unit of Issue  | Intended Use   | Usable On |    |
|--|-------------------------|-----------------------|--|--|--|-----------|----|
|  |                         |                       |  |  |  | AC        | AV |
| Topcoat, Polyurethane, Aircraft Application (420 g/l VOC max.) | MIL-PRF-85285 Type I    |                       |  |  |  | X         | X  |
|  | <b>GLOSS</b><br>Clear   | <b>COLOR</b><br>----- | 8010-01-441-6017   | EA (SEMPEN)  | Finishing or touch-up of aircraft polyurethane topcoat paint systems. Suitable for use over primers (TT-P-2760, MIL-PRF-23377, and MIL-PRF-85582). |           |    |
|  | Red                     | 11136                 | 8010-01-495-3820<br>8010-01-441-6018<br>8010-01-495-3820<br>8010-01-285-3032<br>8010-01-265-9154<br>8010-01-265-9139<br>8010-01-528-4840 | EA (2 OZ BT)<br>EA (SEMPEN)<br>EA (2 OZ BT)<br>KT (1 PT)<br>KT (2 QT)<br>KT (2 GAL)<br>CS (6 Aerosol CN) |  |           |    |
|  | Orange, International   | 12197                 | 8010-01-441-6019<br>8010-01-495-3823<br>8010-01-329-8711<br>8010-01-329-6301<br>8010-01-329-7263   | EA (SEMPEN)<br>EA (2 OZ BT)<br>KT (1 PT)<br>KT (2 QT)<br>KT (2 GAL)                                      |  |           |    |
|  | Orange-Yellow           | 13538                 | 8010-01-441-6003<br>8010-01-495-3825<br>8010-01-285-3037<br>8010-01-285-3038<br>8010-01-265-9153   | EA (SEMPEN)<br>EA (2 OZ BT)<br>KT (1 PT)<br>KT (2 QT)<br>KT (2 GAL)                                      |  |           |    |
|  | Green                   | 14187                 | 8010-01-285-3039<br>8010-01-285-3040<br>8010-01-285-3041   | KT (1 PT)<br>KT (2 QT)<br>KT (2 GAL)   |  |           |    |
|  | Blue                    | 15044                 | 8010-01-441-6004<br>8010-01-495-3839<br>8010-01-329-6754<br>8010-01-329-6304<br>8010-01-329-8709<br>8010-01-528-4841                     | EA (SEMPEN)<br>EA (2 OZ BT)<br>KT (1 PT)<br>KT (2 QT)<br>KT (2 GAL)<br>CS (6 Aerosol CN)                 |  |           |    |
|  | Blue                    | 15050                 | 8010-01-441-6005<br>8010-01-380-2440<br>8010-01-380-2336   | EA (SEMPEN)<br>KT (2 QT)<br>KT (2 GAL)   |  |           |    |
|  | Blue                    | 15180                 | 8010-01-285-3042<br>8010-01-285-3043<br>8010-01-285-3044   | KT (1 PT)<br>KT (2 QT)<br>KT (2 GAL)   |  |           |    |
|  | Gray, Engine            | 16081                 | 8010-01-495-3853<br>8010-01-329-6753<br>8010-01-329-6302<br>8010-01-329-6303   | EA (2 OZ BT)<br>KT (1 PT)<br>KT (2 QT)<br>KT (2 GAL)   |  |           |    |
|  | Gray                    | 16251                 | 8010-01-495-3854   | EA (2 OZ BT)   |  |           |    |
|  | Gray, Light             | 16440                 | 8010-01-459-9699<br>8010-01-495-3855<br>8010-01-285-3045<br>8010-01-285-3046<br>8010-01-265-9142<br>8010-01-528-4842                     | EA (SEMPEN)<br>EA (2 OZ BT)<br>KT (1 PT)<br>KT (2 QT)<br>KT (2 GAL)<br>CS (6 Aerosol CN)                 |  |           |    |
|  | Gray, Light             | 16473                 | 8010-01-441-6020<br>8010-01-495-3856<br>8010-01-336-3033<br>8010-01-336-3032<br>8010-01-528-4844   | EA (SEMPEN)<br>EA (2 OZ BT)<br>KT (2 QT)<br>KT (2 GAL)<br>CS (6 Aerosol CN)                              |  |           |    |
|  | Black                   | 17038                 | 8010-01-441-6026<br>8010-01-495-3860<br>8010-01-285-3047<br>8010-01-285-3048<br>8010-01-285-3033<br>8010-01-528-4847                     | EA (SEMPEN)<br>EA (2 OZ BT)<br>KT (1 PT)<br>KT (2 QT)<br>KT (2 GAL)<br>CS (6 Aerosol CN)                 |  |           |    |
|  | White, Insignia         | 17875                 | 8010-01-468-7513   | KT (1 GAL)   |  |           |    |
|  | White, Insignia         | 17925                 | 8010-01-441-6029<br>8010-01-495-3863<br>8010-01-285-3034<br>8010-01-285-3035<br>8010-01-265-9143<br>8010-01-528-4848                     | EA (SEMPEN)<br>EA (2 OZ BT)<br>KT (1 PT)<br>KT (2 QT)<br>KT (2 GAL)<br>CS (6 Aerosol CN)                 |  |           |    |

Table 2-14. Paints - Topcoats (Cont.)

| Nomenclature | Specifications/Part No.         | National Stock Number | Unit of Issue  | Intended Use   | Usable On |    |
|--------------|---------------------------------|-----------------------|--|--|-----------|----|
|              |                                 |                       |  |  | AC        | AV |
| (Cont.)      | MIL-PRF-85285 Type I<br>(Cont.) |                       |  |  | X         | X  |
|              | <b>SEMI GLOSS</b><br>Green      | <b>COLOR</b><br>24052 | 8010-01-441-6006<br>8010-01-327-9981<br>8010-01-305-5555<br>8010-01-528-4849   | EA (SEMPEN)<br>KT (2 QT)<br>KT (2 GAL)<br>CS (6 Aerosol CN)                              |           |    |
|              | Gray                            | 26231                 | 8010-01-441-6007<br>8010-01-285-7285<br>8010-01-285-2489   | EA (SEMPEN)<br>KT (2 QT)<br>KT (2 GAL)   |           |    |
|              | Gray<br>Gray                    | 26250<br>26251        | 8010-01-441-6035<br>8010-01-441-6034   | EA (SEMPEN)<br>EA (SEMPEN)   |           |    |
|              | <b>FLAT</b><br>Red              | <b>COLOR</b><br>31136 | 8010-01-441-6008<br>8010-01-380-1759<br>8010-01-378-6514   | EA (SEMPEN)<br>KT (2 QT)<br>KT (2 GAL)   |           |    |
|              | Orange-<br>Yellow               | 33538                 | 8010-01-441-6009<br>8010-01-380-1780   | EA (SEMPEN)<br>KT (2 QT)   |           |    |
|              | Green, Field                    | 34095                 | 8010-01-285-2490<br>8010-01-285-7286<br>8010-01-265-9141   | KT (2 PT)<br>KT (2 QT)<br>KT (2 GAL)   |           |    |
|              | Green                           | 34097                 | 8010-01-285-2492<br>8010-01-285-2493   | KT (2 QT)<br>KT (2 GAL)  |           |    |
|              | Blue                            | 35044                 | 8010-01-441-6010   | EA (SEMPEN)  |           |    |
|              | Blue-Gray                       | 35237                 | 8010-01-441-6011<br>8010-01-495-3920<br>8010-01-285-2494<br>8010-01-285-2495<br>8010-01-265-9140<br>8010-01-528-4850 | EA (SEMPEN)<br>EA (2 OZ BT)<br>KT (1 PT)<br>KT (2 QT)<br>KT (2 GAL)<br>CS (6 Aerosol CN) |           |    |
|              | Gray, Dark                      | 36081                 | 8010-01-495-3923<br>8010-01-397-3974<br>8010-01-397-3975   | EA (2 OZ BT)<br>KT (2 QT)<br>KT (2 GAL)  |           |    |
|              | Gray                            | 36118                 | 8010-01-441-6021<br>8010-01-495-3927<br>8010-01-305-5554<br>8010-01-305-5550<br>8010-01-305-5551<br>8010-01-528-4851 | EA (SEMPEN)<br>EA (2 OZ BT)<br>KT (1 PT)<br>KT (2 QT)<br>KT (2 GAL)<br>CS (6 Aerosol CN) |           |    |
|              | Gray                            | 36173                 | 8010-01-441-6022<br>8010-01-348-0385<br>8010-01-345-6535   | EA (SEMPEN)<br>KT (2 QT)<br>KT (2 GAL)   |           |    |
|              | Gray-Blue                       | 36176                 | 8010-01-441-6012<br>8010-01-368-7893<br>8010-01-315-5674   | EA (SEMPEN)<br>KT (2 QT)<br>KT (2 GAL)   |           |    |



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Table 2-14. Paints - Topcoats (Cont.)

| Nomenclature | Specifications/Part No.      | National Stock Number | Unit of Issue  | Intended Use  | Usable On   |    |
|--------------|------------------------------|-----------------------|--|---|---|----|
|              |                              |                       |  |   | AC  | AV |
| (Cont.)      | MIL-PRF-85285 Type I (Cont.) |                       |  |   | X   | X  |
|              | <b>FLAT</b><br>Gray, Medium  | <b>COLOR</b><br>36231 | 8010-01-441-6027<br>8010-01-495-3931<br>8010-01-329-6756<br>8010-01-329-6755<br>8010-01-466-4323<br>8010-01-329-6752   | EA (SEMPEN)<br>EA (2 OZ BT)<br>KT (1 PT)<br>KT (2 QT)<br>KT (1 GAL)<br>KT (2 GAL)                                   |   |    |
|              | Gray                         | 36251                 | 8010-01-441-6013<br>8010-01-353-6551   | EA (SEMPEN)<br>KT (2 GAL)   |   |    |
|              | Gray                         | 36270                 | 8010-01-441-6023<br>8010-01-424-3651<br>8010-01-293-3016<br>8010-01-424-3648<br>8010-01-344-3218   | EA (SEMPEN)<br>KT (1 PT)<br>KT (2 QT)<br>KT (1 GAL)<br>KT (2 GAL)   |   |    |
|              | Gray                         | 36293                 | 8010-01-441-6014<br>8010-01-380-3284<br>8010-01-380-3249   | EA (SEMPEN)<br>KT (2 QT)<br>KT (2 GAL)  |   |    |
|              | Gray, Medium                 | 36320                 | 8010-01-441-6024<br>8010-01-495-3935<br>8010-01-285-3556<br>8010-01-265-9144<br>8010-01-265-9152<br>8010-01-528-4858   | EA (SEMPEN)<br>EA (2 OZ BT)<br>KT (1 PT)<br>KT (2 QT)<br>KT (2 GAL)<br>CS (6 Aerosol CN)                            |   |    |
|              | Gray, Medium                 | 36375                 | 8010-01-441-6025<br>8010-01-495-3936<br>8010-01-285-7287<br>8010-01-265-9145<br>8010-01-265-9151<br>8010-01-528-4860   | EA (SEMPEN)<br>EA (2 OZ BT)<br>KT (1 PT)<br>KT (2 QT)<br>KT (2 GAL)<br>CS (6 Aerosol CN)                            |   |    |
|              | Gray, Light                  | 36440                 | 8010-01-495-3938<br>8010-01-285-3551<br>8010-01-265-9138<br>8010-01-466-4322<br>8010-01-265-9150   | EA (2 OZ BT)<br>KT (1 PT)<br>KT (2 QT)<br>KT (1 GAL)<br>KT (2 GAL)  |   |    |
|              | Gray, Aircraft               | 36495                 | 8010-01-441-6015<br>8010-01-495-3940<br>8010-01-285-3552<br>8010-01-265-9137<br>8010-01-265-9149   | EA (SEMPEN)<br>EA (2 OZ BT)<br>KT (1 PT)<br>KT (2 QT)<br>KT (2 GAL)   |   |    |
|              | Black                        | 37038                 | 8010-01-441-6028<br>8010-01-495-3946<br>8010-01-285-3553<br>8010-01-397-3980<br>8010-01-285-3554<br>8010-01-285-3555<br>8010-01-397-3983<br>8010-01-528-4866 | EA (SEMPEN)<br>EA (2 OZ BT)<br>KT (1 PT)<br>KT (2 QT)<br>KT (2 QT)<br>KT (2 GAL)<br>KT (2 GAL)<br>CS (6 Aerosol CN) | Gunship Deviation, Low IR<br><br>Gunship Deviation, Low IR<br>Gunship Deviation, Low IR |    |
|              | White, Insignia              | 37875                 | 8010-01-441-6016   | EA (SEMPEN)   |   |    |
|              | White                        | 37886                 | 8010-01-459-9697   | EA (SEMPEN)   |   |    |
|              | White, Insignia              | 37925                 | 8010-01-495-3952   | EA (2 OZ BT)  |   |    |

Table 2-14. Paints - Topcoats (Cont.)

| Nomenclature   | Specifications/Part No. |                       | National Stock Number | Unit of Issue | Intended Use  | Usable On |    |
|--|-------------------------|-----------------------|-----------------------|---------------|---|-----------|----|
|  |                         |                       |                       |               |   | AC        | AV |
| Self-Priming Topcoat (SPT), Polyurethane, Low Volatile Organic Compound (420 g/l VOC max.) | <b>GLOSS</b><br>Red     | <b>COLOR</b><br>11136 | 8010-01-354-0977      | KT (2 QT)     | Use on aircraft surfaces in lieu of standard primer and topcoat paint systems. This coating may be used only when approved by the engineering authority for the surface or component requiring painting. This material shall not be used directly on load bearing steel (i.e., landing gear) or magnesium components. | X         |    |
|  |                         |                       | 8010-01-353-3697      | KT (2 GAL)    |   |           |    |
|  | Orange, International   | 12197                 | 8010-01-354-0982      | KT (2 QT)     |   |           |    |
|  |                         |                       | 8010-01-353-4953      | KT (2 GAL)    |   |           |    |
|  | Orange-Yellow           | 13538                 | 8010-01-354-0976      | KT (2 QT)     |   |           |    |
|  |                         |                       | 8010-01-353-3696      | KT (2 GAL)    |   |           |    |
|  | Yellow                  | 13655                 | 8010-01-358-3426      | KT (2 QT)     |   |           |    |
|  |                         |                       | 8010-01-358-3427      | KT (2 GAL)    |   |           |    |
|  | Yellow                  | 13670                 | 8010-01-357-4754      | KT (2 QT)     |   |           |    |
|  |                         |                       | 8010-01-357-4755      | KT (2 GAL)    |   |           |    |
|  | Green                   | 14052                 | 8010-01-362-3200      | KT (2 QT)     |   |           |    |
|  |                         |                       | 8010-01-362-3201      | KT (2 GAL)    |   |           |    |
|  | Blue                    | 15044                 | 8010-01-354-0979      | KT (2 QT)     |   |           |    |
|  |                         |                       | 8010-01-353-4950      | KT (2 GAL)    |   |           |    |
|  | Blue                    | 15045                 | 8010-01-357-4752      | KT (2 QT)     |   |           |    |
|  |                         |                       | 8010-01-357-4753      | KT (2 GAL)    |   |           |    |
|  | Blue                    | 15180                 | 8010-01-354-0980      | KT (2 QT)     |   |           |    |
|  |                         |                       | 8010-01-353-4951      | KT (2 GAL)    |   |           |    |
|  | Blue                    | 15200                 | 8010-01-354-0971      | KT (2 QT)     |   |           |    |
|  |                         |                       | 8010-01-353-4948      | KT (2 GAL)    |   |           |    |
| Gray   | 16251                   | 8010-01-358-3423      | KT (2 QT)             |               |   |           |    |
|  |                         | 8010-01-358-4331      | KT (2 GAL)            |               |   |           |    |
| Gray, Light  | 16440                   | 8010-01-354-0959      | KT (2 QT)             |               |   |           |    |
|  |                         | 8010-01-340-7061      | KT (2 GAL)            |               |   |           |    |
| Gray   | 16473                   | 8010-01-354-0967      | KT (2 QT)             |               |   |           |    |
|  |                         | 8010-01-344-3220      | KT (2 GAL)            |               |   |           |    |
| Black  | 17038                   | 8010-01-354-0981      | KT (2 QT)             |               |   |           |    |
|  |                         | 8010-01-353-4952      | KT (2 GAL)            |               |   |           |    |
| White, Insignia  | 17925                   | 8010-01-354-0966      | KT (2 QT)             |               |   |           |    |
|  |                         | 8010-01-343-1395      | KT (2 GAL)            |               |   |           |    |
| <b>SEMI GLOSS</b><br>Green   | <b>COLOR</b><br>24052   | 8010-01-354-0968      | KT (2 QT)             |               |   |           |    |
|  |                         | 8010-01-344-3221      | KT (2 GAL)            |               |   |           |    |
| Gray   | 26231                   | 8010-01-354-0972      | KT (2 QT)             |               |   |           |    |
|  |                         | 8010-01-353-5756      | KT (2 GAL)            |               |   |           |    |

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Table 2-14. Paints - Topcoats (Cont.)

| Nomenclature | Specifications/Part No. | National Stock Number | Unit of Issue                        | Intended Use            | Usable On |    |
|--------------|-------------------------|-----------------------|--------------------------------------|-------------------------|-----------|----|
|              |                         |                       |                                      |                         | AC        | AV |
| (Cont.)      | TT-P-2756 (Cont.)       |                       |                                      |                         | X         |    |
|              | <b>FLAT</b>             | <b>COLOR</b>          |                                      |                         |           |    |
|              | Brown                   | 30140                 | 8010-01-376-3702<br>8010-01-376-3703 | KT (2 QT)<br>KT (2 GAL) |           |    |
|              | Brown                   | 30219                 | 8010-01-376-3708<br>8010-01-376-3709 | KT (2 QT)<br>KT (2 GAL) |           |    |
|              | Brown                   | 30279                 | 8010-01-376-3710<br>8010-01-376-3711 | KT (2 QT)<br>KT (2 GAL) |           |    |
|              | Tan                     | 30318                 | 8010-01-380-3239                     | KT (2 GAL)              |           |    |
|              | Tan                     | 30475                 | 8010-01-376-3704<br>8010-01-376-3705 | KT (2 QT)<br>KT (2 GAL) |           |    |
|              | Tan                     | 33613                 | 8010-01-375-4554                     | KT (2 QT)               |           |    |
|              | Green                   | 34086                 | 8010-01-354-0970<br>8010-01-345-6534 | KT (2 QT)<br>KT (2 GAL) |           |    |
|              | Green, Field            | 34095                 | 8010-01-354-0962                     | KT (2 QT)               |           |    |
|              | Green                   | 34097                 | 8010-01-354-0973<br>8010-01-353-3693 | KT (2 QT)<br>KT (2 GAL) |           |    |
|              | Gray                    | 35164                 | 8010-01-375-4560                     | KT (2 QT)               |           |    |
|              | Blue                    | 35109                 | 8010-01-376-3706                     | KT (2 QT)               |           |    |
|              | Blue                    | 35190                 | 8010-01-376-3700<br>8010-01-376-3701 | KT (2 QT)<br>KT (2 GAL) |           |    |
|              | Blue-Gray               | 35237                 | 8010-01-354-0961<br>8010-01-340-8714 | KT (2 QT)<br>KT (2 GAL) |           |    |
|              | Blue                    | 35450                 | 8010-01-423-3635<br>8010-01-423-3638 | KT (2 QT)<br>KT (2 GAL) |           |    |
|              | Gray                    | 36081                 | 8010-01-354-0965<br>8010-01-341-0795 | KT (2 QT)<br>KT (2 GAL) |           |    |
|              | Gray                    | 36118                 | 8010-01-354-0969<br>8010-01-344-3222 | KT (2 QT)<br>KT (2 GAL) |           |    |
|              | Gray                    | 36173                 | 8010-01-354-0983<br>8010-01-353-4947 | KT (2 QT)<br>KT (2 GAL) |           |    |
|              | Gray                    | 36231                 | 8010-01-372-3960<br>8010-01-368-8515 | KT (2 QT)<br>KT (2 GAL) |           |    |
|              | Gray, Medium            | 36320                 | 8010-01-354-0963<br>8010-01-340-8716 | KT (2 QT)<br>KT (2 GAL) |           |    |
|              | Gray, Medium            | 36375                 | 8010-01-354-0964<br>8010-01-340-8717 | KT (2 QT)<br>KT (2 GAL) |           |    |
|              | Gray, Light             | 36440                 | 8010-01-354-0974                     | KT (2 QT)               |           |    |
|              | Gray, Aircraft          | 36495                 | 8010-01-354-0975<br>8010-01-353-3695 | KT (2 QT)<br>KT (2 GAL) |           |    |
|              | Black                   | 37038                 | 8010-01-354-0960<br>8010-01-340-8713 | KT (2 QT)<br>KT (2 GAL) |           |    |

Table 2-14. Paints - Topcoats (Cont.)

| Nomenclature                                   | Specifications/Part No. | National Stock Number | Unit of Issue  | Intended Use  | Usable On |    |
|--|-------------------------|-----------------------|--|---|-----------|----|
|  |                         |                       |  |   | AC        | AV |
| Topcoat, Epoxy, High-Solids (340 g/l VOC max.) | MIL-PRF-22750           |                       |  | Alternate topcoat for touch-up of polyurethane paint systems. Can be used as a topcoat for interior surfaces. | X         | X  |
|  | <b>GLOSS</b>            | <b>COLOR</b>          |  |   |           |    |
|  | Clear                   | -----                 | 8010-01-313-8702 KT (1 QT)<br>8010-01-419-1143 KT (2 QT)<br>8010-01-419-1141 KT (4 QT)<br>8010-01-313-8703 KT (2 GAL)                                |   |           |    |
|  | Brown                   | 10049                 | 8010-01-414-8450 KT (2 QT)   |   |           |    |
|  | Red, Insignia           | 11136                 | 8010-01-441-5890 KT (1 QT)<br>8010-01-419-1170 KT (2 QT)<br>8010-01-313-7284 KT (2 GAL)  |   |           |    |
|  | Orange, International   | 12197                 | 8010-01-441-5892 KT (1 QT)<br>8010-01-419-1160 KT (2 QT)<br>8010-01-419-1158 KT (4 QT)   |   |           |    |
|  | Orange-Red              | 12199                 | 8010-01-414-8448 KT (2 QT)   |   |           |    |
|  | Orange-Yellow           | 13538                 | 8010-01-441-5895 KT (1 QT)<br>8010-01-419-1169 KT (2 QT)<br>8010-01-419-1156 KT (4 QT)   |   |           |    |
|  | Green                   | 14062                 | 8010-01-414-8451 KT (2 GAL)  |   |           |    |
|  | Green, Olive Drab       | 14084                 | 8010-01-414-8442 KT (2 QT)   |   |           |    |
|  | Green, Field            | 14097                 | 8010-01-414-8449 KT (2 QT)   |   |           |    |
|  | Green                   | 14187                 | 8010-01-414-8420 KT (2 GAL)  |   |           |    |
|  | Blue, Insignia          | 15044                 | 8010-01-419-1168 KT (2 QT)   |   |           |    |
|  | Blue                    | 15102                 | 8010-01-441-5896 KT (1 QT)<br>8010-01-414-8424 KT (2 QT)   |   |           |    |
|  | Blue, Light             | 15526                 | 8010-01-414-8427 KT (2 QT)   |   |           |    |
|  | Gray, Engine            | 16081                 | 8010-01-419-1167 KT (2 QT)<br>8010-01-441-5898 KT (1 GAL)<br>8010-01-419-1166 KT (2 GAL)   |   |           |    |
|  | Gray, Gull              | 16440                 | 8010-01-441-5899 KT (1 QT)<br>8010-01-419-1163 KT (2 QT)   |   |           |    |
|  | Gray, Light             | 16473                 | 8010-01-414-8423 KT (2 QT)   |   |           |    |
|  | Black                   | 17038                 | 8010-01-441-5900 KT (1 QT)<br>8010-01-419-1154 KT (2 QT)<br>8010-01-419-1165 KT (4 QT)   |   |           |    |
|  | Magenta                 | 17142                 | 8010-01-414-8421 KT (2 QT)   |   |           |    |
|  | White                   | 17875                 | 8010-01-414-8439 KT (2 QT)   |   |           |    |
|  | White, Insignia         | 17925                 | 8010-01-441-5905 KT (1 QT)<br>8010-01-419-1153 KT (2 QT)<br>8010-01-419-1164 KT (4 QT)<br>8010-01-313-8701 KT (2 GAL)<br>8010-01-419-1159 KT (4 GAL) |   |           |    |
|  | <b>SEMI GLOSS</b>       | <b>COLOR</b>          |  |   |           |    |
|  | Green, Dark             | 24052                 | 8010-01-414-8438 KT (2 QT)   |   |           |    |
|  | Green                   | 24410                 | 8010-01-414-8422 KT (2 QT)   |   |           |    |
|  | Gray, Seaplane          | 26081                 | 8010-01-414-8440 KT (2 GAL)  |   |           |    |
|  | Gray                    | 26231                 | 8010-01-414-8428 KT (2 QT)   |   |           |    |
|  | Gray                    | 26307                 | 8010-01-441-5916 KT (1 QT)<br>8010-01-414-8429 KT (2 QT)   |   |           |    |
|  | Gray, Light             | 26492                 | 8010-01-414-8445 KT (2 GAL)  |   |           |    |

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Table 2-14. Paints - Topcoats (Cont.)

| Nomenclature  | Specifications/Part No.                | National Stock Number | Unit of Issue  | Intended Use                                  | Usable On |    |
|---|--|-----------------------|--|---|-----------|----|
|   |  |                       |  |   | AC        | AV |
| (Cont.)   | MIL-PRF-22750 (cont.)                  |                       |  |   | X         | X  |
|   | <b>FLAT</b><br>Red, Insignia           | <b>COLOR</b><br>31136 | 8010-01-414-8426   | KT (2 QT)                                     |           |    |
|   | Green, Dark                            | 34064                 | 8010-01-414-8437   | KT (2 QT)                                     |           |    |
|   | Green, Battle                          | 34079                 | 8010-01-414-8444   | KT (2 GAL)                                    |           |    |
|   | Green                                  | 34088                 | 8010-01-419-1151   | KT (4 QT)                                     |           |    |
|   | Blue, Insignia                         | 35044                 | 8010-01-414-8431   | KT (2 QT)                                     |           |    |
|   | Blue                                   | 35190                 | 8010-01-414-8436   | KT (2 QT)                                     |           |    |
|   | Gray-Blue                              | 35237                 | 8010-01-441-5920<br>8010-01-419-1145<br>8010-01-419-1157 | KT (1 QT)<br>KT (2 QT)<br>KT (1 GAL)          |           |    |
|   | Blue, Light                            | 35450                 | 8010-01-414-8433   | KT (2 QT)                                     |           |    |
|   | Gray, Dark                             | 36081                 | 8010-01-441-6080   | KT (4 QT)                                     |           |    |
|   | Gray                                   | 36099                 | 8010-01-414-8434   | KT (2 QT)                                     |           |    |
|   | Gray                                   | 36231                 | 8010-01-441-5921<br>8010-01-414-8446<br>8010-01-419-1150 | KT (1 QT)<br>KT (2 QT)<br>KT (1 GAL)          |           |    |
|   | Gray                                   | 36320                 | 8010-01-441-5924<br>8010-01-419-1155<br>8010-01-419-1140 | KT (1 QT)<br>KT (2 QT)<br>KT (1 GAL)          |           |    |
|   | Gray                                   | 36375                 | 8010-01-441-5930<br>8010-01-419-1152<br>8010-01-419-1146 | KT (1 QT)<br>KT (2 QT)<br>KT (1 GAL)          |           |    |
|   | Gray, Gull                             | 36440                 | 8010-01-414-8447   | KT (4 QT)                                     |           |    |
|   | Gray, Light                            | 36495                 | 8010-01-441-5931<br>8010-01-419-1149<br>8010-01-419-1144 | KT (1 QT)<br>KT (2 QT)<br>KT (1 GAL)          |           |    |
|   | Black                                  | 37038                 | 8010-01-441-5932<br>8010-01-419-1142<br>8010-01-414-8443 | KT (1 QT)<br>KT (2 QT)<br>KT (1 GAL)          |           |    |
|   | Insignia White                         | 37875                 | 8010-01-414-8435   | KT (2 QT)                                     |           |    |
| Topcoat,<br>Aircraft<br>Touch-Up<br>(340 g/l VOC<br>max.) | MIL-PRF-81352<br>Type I (Acrylic base) |                       |  |   | X         | X  |
|   | <b>GLOSS</b><br>Clear                  | <b>COLOR</b><br>----- | 8010-00-490-7651   | CN (1 GAL)                                    |           |    |
|   | Brown                                  | 10049                 | 8010-00-935-7061   | CN (1 QT)                                     |           |    |
|   | Red                                    | 11105                 | 8010-01-029-6349   | CN (1 QT)                                     |           |    |
|   | Red, Insignia                          | 11136                 | 8010-00-935-7064<br>8010-00-935-7063<br>8010-00-935-7062 | CN (16 OZ Aerosol)<br>CN (1 QT)<br>CN (1 GAL) |           |    |
|   | Orange,<br>International               | 12197                 | 8010-00-935-7066<br>8010-00-935-7065                     | CN (1 QT)<br>CN (1 GAL)                       |           |    |
|   | Orange-Yellow                          | 13538                 | 8010-00-935-7068<br>8010-00-935-7067                     | CN (1 QT)<br>CN (1 GAL)                       |           |    |
|   | Green, Olive<br>Drab                   | 14084                 | 8010-00-935-7069   | CN (1 QT)                                     |           |    |
|   | Green, Olive<br>Drab                   | 14097                 | 8010-00-133-5901   | CN (16 OZ Aerosol)                            |           |    |
|   | Green, Light                           | 14187                 | 8010-00-935-7071<br>8010-00-935-7070                     | CN (1 QT)<br>CN (1 GAL)                       |           |    |

Table 2-14. Paints - Topcoats (Cont.)

| Nomenclature | Specifications/Part No.         | National Stock Number | Unit of Issue                        | Intended Use                     | Usable On |    |
|--------------|---------------------------------|-----------------------|--------------------------------------|----------------------------------|-----------|----|
|              |                                 |                       |                                      |                                  | AC        | AV |
| (Cont.)      | MIL-PRF-81352 Type I<br>(Cont.) |                       |                                      |                                  | X         | X  |
|              | <b>GLOSS</b>                    | <b>COLOR</b>          |                                      |                                  |           |    |
|              | Blue, Dark                      | 15044                 | 8010-00-935-7072                     | CN (1 GAL)                       |           |    |
|              | Blue                            | 15045                 | 8010-00-490-7649                     | CN (1 GAL)                       |           |    |
|              | Blue                            | 15102                 | 8010-00-935-7073                     | CN (1 GAL)                       |           |    |
|              | Gray, Engine                    | 16081                 | 8010-00-935-7075                     | CN (16 OZ Aerosol)               |           |    |
|              | Gray                            | 16440                 | 8010-00-181-7791<br>8010-01-088-0104 | CN (16 OZ Aerosol)<br>CN (1 QT)  |           |    |
|              | Gray, Aircraft                  | 16473                 | 8010-00-935-7076                     | CN (1 GAL)                       |           |    |
|              | Black                           | 17038                 | 8010-00-935-7078<br>8010-00-935-7077 | CN (1 QT)<br>CN (1 GAL)          |           |    |
|              | White, Insignia                 | 17875                 | 8010-00-935-6609<br>8010-00-935-6608 | CN (16 OZ Aerosol)<br>CN (1 GAL) |           |    |
|              | <b>SEMI-GLOSS</b>               | <b>COLOR</b>          |                                      |                                  |           |    |
|              | Gray                            | 26373                 | 8010-01-303-0237                     | CN (1 GAL)                       |           |    |
|              | Gray, Eggshell                  | 26622                 | 8010-01-466-1658                     | CN (16 OZ Aerosol)               |           |    |
|              | Black                           | 27038                 | 8010-00-104-7711                     | CN (1 GAL)                       |           |    |
|              | White                           | 27875                 | 8010-00-104-7745                     | CN (1 GAL)                       |           |    |
|              | <b>FLAT</b>                     | <b>COLOR</b>          |                                      |                                  |           |    |
|              | Brown                           | 30219                 | 8000-00-066-9440                     | CN (1 GAL)                       |           |    |
|              | Red                             | 31136                 | 8010-00-066-9431                     | CN (1 GAL)                       |           |    |
|              | Beige                           | 33531                 | 8010-01-306-6677                     | CN (1 GAL)                       |           |    |
|              | Orange-Yellow                   | 33538                 | 8010-01-157-2292                     | CN (1 GAL)                       |           |    |
|              | Green, Olive Drab               | 33070                 | 8010-00-490-7650                     | CN (1 GAL)                       |           |    |
|              | Green, Olive Drab               | 34079                 | 8010-00-068-8779                     | CN (1 GAL)                       |           |    |
|              | Green, Olive Drab               | 34088                 | 8010-00-144-9998                     | CN (1 QT)                        |           |    |
|              | Green                           | 34102                 | 8010-00-068-8783                     | CN (1 GAL)                       |           |    |
|              | Blue, Insignia                  | 35044                 | 8010-00-066-9430                     | CN (1 GAL)                       |           |    |
|              | Gray-Blue                       | 35237                 | 8010-01-270-3636                     | CN (1 GAL)                       |           |    |
|              | Gray, Dark                      | 36081                 | 8010-01-270-3631                     | CN (1 GAL)                       |           |    |
|              | Gray, Dark                      | 36118                 | 8010-01-270-3632                     | CN (1 GAL)                       |           |    |
|              | Gray                            | 36231                 | 8010-01-124-5048<br>8010-01-150-9907 | CN (16 OZ Aerosol)<br>CN (1 GAL) |           |    |
|              | Gray, Light                     | 36270                 | 8010-01-270-3633                     | CN (1 GAL)                       |           |    |
|              | Gray, Gull                      | 36440                 | 8010-00-935-7085<br>8010-00-935-7060 | CN (16 OZ Aerosol)<br>CN (1 GAL) |           |    |
|              | Gray                            | 36118                 | 8010-01-270-3632                     | CN (1 GAL)                       |           |    |
|              | Gray                            | 36320                 | 8010-01-270-3634                     | CN (1 GAL)                       |           |    |
|              | Gray                            | 36492                 | 8010-01-270-3635                     | CN (1 GAL)                       |           |    |
|              | Gray                            | 36622                 | 8010-00-068-8786                     | CN (1 GAL)                       |           |    |
|              | White, Insignia                 | 37875                 | 8010-00-068-8778                     | CN (1 GAL)                       |           |    |
|              | White                           | 37886                 | 8010-01-303-0236                     | CN (1 GAL)                       |           |    |
|              | Black                           | 37038                 | 8010-00-935-7079<br>8010-00-830-1822 | CN (16 OZ Aerosol)<br>CN (1 GAL) |           |    |

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Table 2-14. Paints - Topcoats (Cont.)

| Nomenclature | Specifications/Part No.                       | National Stock Number | Unit of Issue    | Intended Use  | Usable On |    |
|--------------|---|-----------------------|------------------|---|-----------|----|
|              |   |                       |                  |   | AC        | AV |
| (Cont.)      | MIL-PRF-81352 Type III<br>(Polyurethane base) |                       |                  | One component topcoat for small, spot paint system repairs. | X         | X  |
|              | <b>GLOSS</b>                                  | <b>COLOR</b>          |                  |   |           |    |
|              | Red   | 11136                 | 8010-01-495-4140 | EA (2 OZ BT)  |           |    |
|              | Orange,<br>International                      | 12197                 | 8010-01-495-4141 | EA (2 OZ BT)  |           |    |
|              | Orange-Yellow                                 | 13538                 | 8010-01-495-4144 | EA (2 OZ BT)  |           |    |
|              | Blue, Insignia                                | 15044                 | 8010-01-495-4155 | EA (2 OZ BT)  |           |    |
|              | Gray, Dark                                    | 16081                 | 8010-01-495-4163 | EA (2 OZ BT)  |           |    |
|              | Gray  | 16251                 | 8010-01-495-4164 | EA (2 OZ BT)  |           |    |
|              | Gray, Light                                   | 16440                 | 8010-01-495-4165 | EA (2 OZ BT)  |           |    |
|              | Gray, Light                                   | 16473                 | 8010-01-495-4166 | EA (2 OZ BT)  |           |    |
|              | Black   | 17038                 | 8010-01-495-4168 | EA (2 OZ BT)  |           |    |
|              | White, Insignia                               | 17925                 | 8010-01-495-4172 | EA (2 OZ BT)  |           |    |
|              | <b>FLAT</b>                                   | <b>COLOR</b>          |                  |   |           |    |
|              | Blue-Gray                                     | 35237                 | 8010-01-495-4226 | EA (2 OZ BT)  |           |    |
|              | Gray, Dark                                    | 36081                 | 8010-01-495-4228 | EA (2 OZ BT)  |           |    |
|              | Gray, Dark                                    | 36118                 | 8010-01-495-4234 | EA (2 OZ BT)  |           |    |
|              | Gray  | 36231                 | 8010-01-495-4238 | EA (2 OZ BT)  |           |    |
|              | Gray, Medium                                  | 36320                 | 8010-01-495-4244 | EA (2 OZ BT)  |           |    |
|              | Gray, Medium                                  | 36375                 | 8010-01-495-4246 | EA (2 OZ BT)  |           |    |
|              | Gray, Light                                   | 36440                 | 8010-01-495-4248 | EA (2 OZ BT)  |           |    |
|              | Gray, Aircraft                                | 36495                 | 8010-01-495-4249 | EA (2 OZ BT)  |           |    |
|              | Black   | 37038                 | 8010-01-495-4252 | EA (2 OZ BT)  |           |    |
|              | White, Insignia                               | 37925                 | 8010-01-495-4257 | EA (2 OZ BT)  |           |    |

Table 2-14. Paints - Topcoats (Cont.)

| Nomenclature  | Specifications/Part No.                                      | National Stock Number                                    | Unit of Issue  | Intended Use   | Usable On |    |                                   |
|---|--|--|--|--|-----------|----|-----------------------------------|
|   |  |  |  |  | AC        | AV |                                   |
| Topcoat, Elastomeric, Polyurethane, Rain-Erosion (420 g/l VOC max.) | MIL-C-85322  |  |  | Application or repair of erosion resistant coatings for exterior aircraft structures (e.g. leading edges). Can be applied over primers conforming to TT-P-2760, MIL-PRF-23377, or MIL-PRF-85582. | X         |    |                                   |
|   | <b>FLAT</b><br>Gray  | <b>COLOR</b><br>36375                                    | 8010-01-054-7224<br>8010-01-054-7228<br>8010-01-054-7225 |  |           |    | KT (1 QT)<br>1 GAL)<br>KT (5 GAL) |
|   | Black  | 37038  | 8010-01-054-7229   |  |           |    | KT (1 QT)                         |
| Walkway Coating, Non-Slip (420 g/l VOC max.)                        | A-A-59166 (supersedes MIL-W-5044)<br>Type II (Rough Texture) |  |  | Brush application and repair of non-slip walkway coatings.   | X         |    |                                   |
|   | <b>SEMI-GLOSS</b><br>Blue-Green                              | <b>COLOR</b><br>25414                                    | 8010-00-151-4903   |  |           |    | GL                                |
|   | Gray   | 26270  | 8010-01-382-3709   |  |           |    | GL                                |
|   | <b>FLAT</b><br>Green, Olive Drab                             | <b>COLOR</b><br>34088                                    | 8010-00-141-7838   |  |           |    | GL                                |
|   | Gray, Dark   | 36081  | 8010-00-599-9201   |  |           |    | GL                                |
|   | Gray, Dark Gull  | 36231  | 8010-00-641-0426   |  |           |    | GL                                |
|   | Gray   | 36251  | 8010-01-280-5130   |  |           |    | GL                                |
|   | Gray, Light Gull   | 36440  | 8010-00-141-7842   |  |           |    | GL                                |
|   | Black  | 37038  | 8010-00-142-6525<br>8010-00-641-0427                     |  |           |    | QT<br>GL                          |
|   | White, Insignia  | 37925  | 8010-01-499-0443   |  |           |    | QT                                |
| Coating, Aluminum Paint, Heat Resistant (1200° F)                   | TT-P-28<br>Gray (Color # 17178)                              | 8010-00-664-7468<br>8010-00-815-2692<br>8010-00-857-1938 | QT<br>GL<br>CN (5 GAL)                                   | Used on areas where temperatures exceed 350° F. VOC exceeds 420 g/l.   | X         |    |                                   |
| Erosion Resistant Conductive Coating, Polyurethane (Black)          | P/N: 8-B-6 (LAMINAR X-500)                                   | 8010-00-908-0362   | KT   | Used on composite surfaces to provide electrical continuity and erosion resistance. Kit consist of 1 quart of base resin and 1/2 pint of catalyst. VOC exceeds 420 g/l.                          | X         |    |                                   |



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Table 2-14. Paints - Topcoats (Cont.)

| Nomenclature   | Specifications/Part No.                   | National Stock Number | Unit of Issue | Intended Use  | Usable On |    |
|--|---|-----------------------|---------------|---|-----------|----|
|  |   |                       |               |   | AC        | AV |
| Coating,<br>Aliphatic<br>Polyurethane,<br>Chemical Agent<br>Resistant<br>(Army only) | MIL-C-46168<br>Type II<br>Color           |                       |               | Standard topcoat for Army avionic and electronic equipment. |           | X  |
|  | #36300, Gray                              | 8010-01-144-9882      | 1 QT          |   |           |    |
|  | #36300 Gray                               | 8010-01-127-8908      | 1 GAL         |   |           |    |
|  | #36300, Gray                              | 8010-01-144-9876      | 4 GAL         |   |           |    |
|  | #36231, Gray                              | 8010-01-170-7583      | 1 QT          |   |           |    |
|  | #36231, Gray                              | 8010-01-146-2649      | 1 GAL         |   |           |    |
|  | #36231, Gray                              | 8010-01-170-0132      | 4 GAL         |   |           |    |
|  | #37875 White                              | 8010-01-144-9883      | 1 QT          |   |           |    |
|  | #37875, White                             | 8010-01-144-9872      | 1 GAL         |   |           |    |
|  | #37875, White                             | 8010-01-144-9877      | 4 GAL         |   |           |    |
|  | #34031, Green                             | 8010-01-141-2420      | 1 QT          |   |           |    |
|  | #34031, Green                             | 8010-01-131-6255      | 1 GAL         |   |           |    |
|  | #34031, Green                             | 8010-01-131-6262      | 4 GAL         |   |           |    |
|  | #37038, Black                             | 8010-01-144-9885      | 1 QT          |   |           |    |
|  | #37038, Black                             | 8010-01-146-2646      | 1 GAL         |   |           |    |
|  | #37038, Black                             | 8010-01-144-9879      | 4 GAL         |   |           |    |
|  | #37031, Black                             | 8010-01-144-9886      | 1 QT          |   |           |    |
|  | #37031, Black                             | 8010-01-146-2647      | 1 GAL         |   |           |    |
|  | #37031, Black                             | 8010-01-146-4376      | 4 GAL         |   |           |    |
|  | Type IV                                   |                       |               |   |           |    |
|  | #36300, Gray                              | 8010-01-451-1060      | 1 GAL         |   |           |    |
|  | #36231, Gray                              | 8010-01-451-1062      | 1 GAL         |   |           |    |
|  | #37875, White                             | 8010-01-446-8962      | 1 GAL         |   |           |    |
|  | #34031, Green                             | 8010-01-316-2221      | 1 QT          |   |           |    |
|  | #34031, Green                             | 8010-01-316-2219      | 1 GAL         |   |           |    |
|  | #37038, Black                             | 8010-01-340-5175      | 1 QT          |   |           |    |
|  | #37038, Black                             | 8010-01-340-7060      | 1 GAL         |   |           |    |
|  | #37038, Black                             | 8010-01-340-5176      | 4 GAL         |   |           |    |
|  | Touch Up                                  |                       |               |   |           |    |
|  | #37038, Black, 2-oz aerosol touch-up kits | 8010-01-510-7172      | KT (6 ea)     |   |           |    |
| #37038, Black, 10cc markers  | 8010-01-519-6934                          | KT (6 ea)             |               |   |           |    |

Table 2-15. Potting Compounds

| Nomenclature  | Specifications/Part No.             | National Stock Number                                    | Unit of Issue                                | Intended Use  | Usable On |    |
|---|-------------------------------------|--|--|---|-----------|----|
|   |                                     |  |  |   | AC        | AV |
| Molding And Potting Compound, Electrical Insulating                               | MIL-M-24041<br>Category A<br>Type I | 8030-00-862-5159   | KT (1 Qt)                                    | Protection of electrical connectors from moisture, contamination, and aircraft fluids.  |           | X  |
|   | Type II                             | 5970-01-327-6282<br>5970-01-382-2409                     | KT 1(2 oz)<br>KT (12 oz. frozen)             |   |           |    |
|   | Category B<br>Type I                | 5970-01-158-6537<br>5970-01-276-0966<br>5970-01-462-0165 | KT (1 pint)<br>KT (1 pint)<br>KT (2 kits)    |   |           |    |
|   | Clear                               |  |  |   |           |    |
|   | Black                               |  |  |   |           |    |
|   | Type II                             | 5970-01-037-5044<br>5970-01-328-4893                     | CA (2.5 oz cartridge)<br>CA (6 oz cartridge) |   |           |    |
| Adhesive-Sealant, Silicone, RTV, Non-Corrosive, Non-fuel Resistant, Non-corrosive | MIL-A-46146<br>Gray (Dow 3145)      | 8040-00-145-0020<br>8040-00-938-1535                     | TU (3 oz)<br>KT (includes primer)            | 3145 RTV: For use on sensitive metals and avionic equipment. Sealing areas where temperature is expected to be between 250° F (121° C) and 350° C (177° C).                 |           | X  |
|   | Clear (Dow 3145)                    | 5970-01-082-9138   | CA (10.3 oz cartridge)                       | 3140 RTV: For coating and patching RTV coated circuit boards and components.<br>NOTE: use in applications where a flowable material is required such as potting connectors. |           |    |

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Table 2-16. Sealants

| Nomenclature   | Specifications/Part No.                                     | National Stock Number | Unit of Issue        | Intended Use   | Usable On |    |
|--|---|-----------------------|----------------------|--|-----------|----|
|  |   |                       |                      |  | AC        | AV |
| Sealing and Coating Compound, Corrosion Inhibitive, Polysulfide Rubber | MIL-PRF-81733<br>Type I (Brush or dip application)<br>I-1/2 | 8030-00-008-7207      | KT (12 OZ, Two-Part) | Used for sealing faying surfaces and wet installation of fasteners on permanent structures. It is also the preferred sealant for form in-place (FIP) seals on doors, removable panels, and sealing gaps and seams. Do not use on inside integral fuel tanks. | X         | X  |
|  |   | 8030-00-009-5022      | KT (24 OZ, Two-Part) |  |           |    |
|  |   | 8030-01-372-2984      | OZ (2.5 OZ, Frozen)  |  |           |    |
|  |   | 8030-01-372-2985      | OZ (6 OZ, Frozen)    |  |           |    |
|  | I-2   | 8030-00-008-7196      | KT (12 OZ, Two-Part) |  |           |    |
|  |   | 8030-00-762-8807      | KT (24 OZ, Two-Part) |  |           |    |
|  |   | 8030-01-363-6501      | OZ (6 OZ, Frozen)    |  |           |    |
|  |   | 8030-01-361-1814      | CA (6 OZ, SEMKIT)    |  |           |    |
|  | Type II (Gun or spatula application)<br>II-1/2              | 8030-00-008-7198      | KT (12 OZ, Two-Part) |  |           |    |
|  |   | 8030-00-470-9154      | KT (24 OZ, Two-Part) |  |           |    |
|  |   | 8030-01-387-0244      | OZ (2.5 OZ, Frozen)  |  |           |    |
|  |   | 8030-01-387-1017      | OZ (6 OZ, Frozen)    |  |           |    |
|  |   | 8030-01-184-0328      | CA (2.5 OZ, SEMKIT)  |  |           |    |
|  |   | 8030-01-184-0329      | CA (6 OZ, SEMKIT)    |  |           |    |
|  | II-2  | 8030-01-124-7622      | KT (6 OZ, Two-Part)  |  |           |    |
|  |   | 8030-00-009-5023      | KT (12 OZ, Two-Part) |  |           |    |
|  |   | 8030-00-008-7200      | KT (24 OZ, Two-Part) |  |           |    |
|  |   | 8030-01-333-3954      | OZ (2.5 OZ, Frozen)  |  |           |    |
|  |   | 8030-01-333-4821      | OZ (6 OZ, Frozen)    |  |           |    |
|  |   | 8030-01-196-1958      | CA (2.5 OZ, SEMKIT)  |  |           |    |
| II-4   | 8030-00-008-7201  | KT (12 OZ, Two-Part)  |                      |  |           |    |
|  | 8030-00-008-7202  | KT (24 OZ, Two-Part)  |                      |  |           |    |
| Type III (Spray Gun application)<br>III-1                              | 8030-00-008-7203  | KT (12 OZ, Two-Part)  |                      |  |           |    |
|  | 8030-00-008-7204  | KT (24 OZ, Two-Part)  |                      |  |           |    |
|  | 8030-00-871-8489  | KT (96 OZ, Two-Part)  |                      |  |           |    |
| Type IV (Extended Assembly Time)<br>IV-12                              | 8030-01-395-2726  | KT (12 OZ, Two-Part)  |                      |  |           |    |
|  | 8030-00-151-9973  | KT (96 OZ, Two-Part)  |                      |  |           |    |
| IV-24  | 8030-01-395-2728  | KT (12 OZ, Two-Part)  |                      |  |           |    |
|  | 8030-00-008-7206  | KT (24 OZ, Two-Part)  |                      |  |           |    |
|  | 8030-01-363-6503  | OZ (6 OZ, Frozen)     |                      |  |           |    |
| IV-48  | 8030-01-192-2807  | KT (6 OZ, Two-Part)   |                      |  |           |    |
|  | 8030-01-395-2729  | KT (12 OZ, Two-Part)  |                      |  |           |    |
|  | 8030-00-028-8495  | KT (24 OZ, Two-Part)  |                      |  |           |    |
|  | 8030-01-363-6504  | OZ (6 OZ, Frozen)     |                      |  |           |    |

Table 2-16. Sealants (Cont.)

| Nomenclature   | Specifications/Part No.  | National Stock Number | Unit of Issue        | Intended Use   | Usable On |    |
|--|--|-----------------------|----------------------|--|-----------|----|
|  |  |                       |                      |  | AC        | AV |
| Sealing Compound, Temperature Resistant, Integral Fuel Tanks and Fuel Cell Cavities, High Adhesion (Polysulfide) | AMS-S-8802, Type II<br>Class A (Brush or dip application)<br>A-1/2 | 8030-00-753-4596      | KT (6 OZ, Two-Part)  | Use for filleting and brush sealing of integral fuel tanks and fuel cell cavities. Type I (Dichromate cured) is cancelled. Type II (Manganese cured) sealing materials are authorized for all previous uses of Type I. | X         |    |
|  |  | 8030-00-965-2004      | KT (12 OZ, Two-Part) |  |           |    |
|  |  | 8030-01-387-3196      | OZ (2.5 OZ, Frozen)  |  |           |    |
|  |  | 8030-00-753-5008      | CA (2.5 OZ, SEMKIT)  |  |           |    |
|  |  | 8030-00-753-5010      | CA (6 OZ, SEMKIT)    |  |           |    |
|  | A-1  | 8030-01-386-3656      | KT (24 OZ, Two-Part) |  |           |    |
|  | A-2  | 8030-00-753-4598      | KT (6 OZ, Two-Part)  |  |           |    |
|  |  | 8030-00-753-5343      | KT (12 OZ, Two-Part) |  |           |    |
|  |  | 8030-00-723-5344      | KT (24 OZ, Two-Part) |  |           |    |
|  |  | 8030-00-841-6832      | KT (96 OZ, Two-Part) |  |           |    |
|  |  | 8030-01-363-6671      | OZ (2.5 OZ, Frozen)  |  |           |    |
|  |  | 8030-01-363-6505      | OZ (6 OZ, Frozen)    |  |           |    |
|  |  | 8030-00-753-5003      | CA (2.5 OZ, SEMKIT)  |  |           |    |
|  |  | 8030-00-753-5009      | CA (6 OZ, SEMKIT)    |  |           |    |
|  | Class B (Gun or spatula application)<br>B-1/2                      | 8030-00-753-4597      | KT (6 OZ, Two-Part)  |  |           |    |
|  |  | 8030-00-174-2599      | KT (12 OZ, Two-Part) |  |           |    |
|  |  | 8030-00-080-1549      | KT (24 OZ, Two-Part) |  |           |    |
|  |  | 8030-00-753-5007      | CA (2.5 OZ, SEMKIT)  |  |           |    |
|  |  | 8030-00-753-5004      | CA (6 OZ, SEMKIT)    |  |           |    |
|  | B-1  | 8030-01-337-9408      | CA (2.5 OZ, SEMKIT)  |  |           |    |
|  | B-2  | 8030-00-753-4599      | KT (6 OZ, Two-Part)  |  |           |    |
|  |  | 8030-00-723-2746      | KT (12 OZ, Two-Part) |  |           |    |
|  |  | 8030-00-685-0915      | KT (24 OZ, Two-Part) |  |           |    |
|  |  | 8030-00-579-8453      | KT (96 OZ, Two-Part) |  |           |    |
|  |  | 8030-01-333-4823      | OZ (2.5 OZ, Frozen)  |  |           |    |
|  |  | 8030-01-333-4822      | OZ (6 OZ, Frozen)    |  |           |    |
|  |  | 8030-00-753-5006      | CA (2.5 OZ, SEMKIT)  |  |           |    |
| 8030-00-753-5005   |  | CA (6 OZ, SEMKIT)     |                      |  |           |    |
| B-4  | 8030-00-174-2598   | KT (12 OZ, Two-Part)  |                      |  |           |    |
|  | 8030-00-850-5717   | KT (24 OZ, Two-Part)  |                      |  |           |    |
|  | 8030-00-850-0759   | CA (2.5 OZ, SEMKIT)   |                      |  |           |    |
|  | 8030-00-850-0758   | CA (6 OZ, SEMKIT)     |                      |  |           |    |
| Class C (Extended assembly time)<br>C-20   | 8030-01-048-3772   | KT (12 OZ, Two-Part)  |                      |  |           |    |
|  | 8030-00-427-2661   | KT (96 OZ, Two-Part)  |                      |  |           |    |
|  | 8030-00-152-0012   | CA (6 OZ, SEMKIT)     |                      |  |           |    |
| C-80   | 8030-00-709-3278   | KT (24 OZ, Two-Part)  |                      |  |           |    |
|  | 8030-00-432-1544   | KT (96 OZ, Two-Part)  |                      |  |           |    |

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Table 2-16. Sealants (Cont.)

| Nomenclature   | Specifications/Part No.  | National Stock Number  | Unit of Issue  | Intended Use  | Usable On   |    |  |  |  |   |  |
|--|--|--|--|---|---|----|--|--|--|---|--|
|  |  |  |  |   | AC  | AV |  |  |  |   |  |
| Sealing Compound, Integral Fuel Tanks, Cell Cavities, and General Purpose, High Temperature Applications (Polysulfide) | AMS 3276 (supersedes MIL-S-83430)  |  |  |   | Used for fuel tank sealing, cabin pressure sealing, aerodynamic smoothing, faying surface sealing, wet-installation and overcoating of fasteners, sealing joints and seams, and non-structural adhesive bonding. For fuel tank applications, treat bond surfaces with AMS 3100 adhesion promoter to enhance sealant adhesion. | X  |  |  |  |   |  |
|  | Class A (Brush or dip application)<br>A-1/2  | 8030-00-602-0107<br>8030-01-395-5474<br>8030-01-036-6936<br>8030-00-312-6128   | KT (6 OZ, 2 PART)<br>KT (12OZ, 2 PART)<br>KT (24OZ, 2 PART)<br>CA (6 OZ, SEMKIT)   |   |   |    |  |  |  |   |  |
|  | A-2  | 8030-00-602-0049<br>8030-00-602-0051<br>8030-01-387-1001   | KT (6 OZ, 2 PART)<br>KT (96 OZ, 2 PART)<br>OZ (6 OZ, FROZEN)   |   |   |    |  |  |  |   |  |
|  | Class B (Gun or spatula application)<br>B-1/4  | 8030-01-214-0374   | KT (6 OZ, 2 PART)  |   |   |    |  |  |  |   |  |
|  | B-1/2  | 8030-00-602-0039<br>8030-00-348-7888<br>8030-01-381-5291<br>8030-01-381-5302<br>8030-01-252-7963<br>8030-00-602-0045 | KT (6 OZ, 2 PART)<br>KT (12 OZ, 2 PART)<br>OZ (2.5 OZ, frozen)<br>OZ (6 OZ, frozen)<br>CA (2.5 OZ, SEMKIT)<br>CA (6 OZ, SEMKIT)          |   |   |    |  |  |  |   |  |
|  | B-2  | 8030-00-485-3237<br>8030-01-066-6444<br>8030-00-585-4900<br>8030-01-383-4185<br>8030-01-383-3953<br>8030-00-560-8758 | KT (12 OZ, 2 PART)<br>KT (24 OZ, 2 PART)<br>KT (96 OZ, 2 PART)<br>OZ (2.5 OZ, frozen)<br>OZ (6 OZ, frozen)<br>CA (2.5 OZ, SEMKIT)        |   |   |    |  |  |  |   |  |
|  | B-4  | 8030-01-195-0655   | KT (24 OZ, 2 PART)   |   |   |    |  |  |  |   |  |
|  | B-6  | 8030-00-602-0035<br>8030-01-387-1061   | OZ (6 OZ, frozen)<br>CA (6 OZ, SEMKIT)   |   |   |    |  |  |  |   |  |
|  | Class C (Extended assembly time)<br>C-1/2  | 8030-01-311-5653   | KT (24 OZ, 2 PART)   |   |   |    |  |  |  |   |  |
|  | Sealing Compound, Low Adhesion, Corrosion Inhibiting, for Removable Panels and Fuel Tank Inspection Plates | AMS 3367 (supersedes MIL-S-8784)   |  |   |   |    |  |  | Fillet and faying surface sealing of removable structures such as access doors, floor panels and plates, removable panels, and fuel tank inspection plates. Do not use for sealing integral fuel tanks, high temperature areas, or permanent structures. | X |  |
|  |  | Class A (Brush or dip application)<br>A-1/2  | 8030-00-291-8380   | KT (6 OZ, 2-PART)   |   |    |  |  |  |   |  |
|  |  | A-2  | 8030-00-584-4399<br>8030-01-127-8281<br>8030-00-152-0062   | KT (6 OZ, 2-PART)<br>KT (12 OZ,2-PART)<br>CA (2.5 OZ, SEMKIT)   |   |    |  |  |  |   |  |
|  |  | Class B (Gun or spatula application)<br>B-1/2  | 8030-00-598-2910<br>8030-00-881-3933<br>8030-01-028-4336<br>8030-01-371-3542<br>8030-01-372-2986<br>8030-00-152-0022<br>8030-01-365-3912 | KT (6 OZ, 2-PART)<br>KT (12 OZ, 2-PART)<br>KT (24 OZ, 2-PART)<br>OZ (2.5 OZ, frozen)<br>OZ (6 OZ, frozen)<br>CA (2.5 OZ, SEMKIT)<br>CA (6 OZ, SEMKIT) |   |    |  |  |  |   |  |
| B-2  |  | 8030-00-616-9191<br>8030-00-680-2041<br>8030-01-371-9247<br>8030-01-371-9246<br>8030-01-383-4993                     | KT (6 OZ, 2-PART)<br>KT (12 OZ, 2-PART)<br>OZ (2.5 OZ, frozen)<br>OZ (6 OZ, frozen)<br>CA (6 OZ, SEMKIT)                                 |   |   |    |  |  |  |   |  |

Table 2-16. Sealants (Cont.)

| Nomenclature  | Specifications/Part No.  | National Stock Number  | Unit of Issue  | Intended Use   | Usable On  |    |   |
|---|--|--|--|--|--|----|---|
|   |  |  |  |  | AC   | AV |   |
| Firewall Sealing Compound, Aircraft, One-Part Silicone  | AMS 3374 (supersedes MIL-S-38249)<br>Type 1 (One-Part, High Temperature Silicone)  | 8030-00-783-8898<br>8030-00-723-5345<br>8030-01-033-3485<br>8030-01-364-7362<br>8030-01-365-0049<br>8030-01-364-7359<br>8030-00-783-8886   | KT (6 OZ, 2 part)<br>KT (12 OZ, 2 part)<br>OZ (96 OZ, 2 part)<br>OZ (2.5 OZ, frozen)<br>OZ (6 OZ, frozen)<br>CA (2.5 OZ, SEMKIT)<br>CA (6 OZ, SEMKIT)  | Sealing aircraft firewall structures exposed to very high temperatures to prevent the passage of air and vapors. Cures on exposure to air.   | X  |    |   |
| Sealing Compound, Polythioether, Integral Fuel Tanks and General Purpose, Fast Curing at Ambient and Low Temperatures         | AMS 3277 (supersedes MIL-S-29574)<br>Type I<br>Class A (Brush or dip application)<br>A-1/2<br><br>A-1<br><br>Class B (Gun or spatula application)<br>B-1/4<br><br>B-1/2<br><br>B-2<br><br>Type II<br>Class B (Gun or spatula application)<br>B-1/4<br><br>B-1/2<br><br>B-2 | <br><br><br>8030-01-330-6568<br>8030-01-330-0730<br><br>8030-01-330-0735<br>8030-01-330-3437<br><br>8030-01-290-5134<br>8030-01-290-5135<br><br>8030-01-290-5136<br>8030-01-290-5137<br><br>8030-01-290-5138<br>8030-01-290-5139<br><br>8030-01-364-3883<br>8030-01-364-3886<br><br>8030-01-364-3882<br>8030-01-364-3885<br><br>8030-01-364-3881<br>8030-01-364-3884 | <br><br><br>CA (2.5 OZ, SEMKIT)<br>CA (6 OZ, SEMKIT)<br><br>CA (2.5 OZ, SEMKIT)<br>CA (6 OZ, SEMKIT)<br><br>CA (2.5 OZ, SEMKIT)<br>CA (6 OZ, SEMKIT)<br><br>CA (2.5 OZ, SEMKIT)<br>CA (6 OZ, SEMKIT)<br><br>CA (2.5 OZ, SEMKIT)<br>CA (6 OZ, SEMKIT)<br><br>CA (2.5 OZ, SEMKIT)<br>CA (6 OZ, SEMKIT)<br><br>CA (2.5 OZ, SEMKIT)<br>CA (6 OZ, SEMKIT) | For repairing fillet and fastener seals on integral fuel tanks and faying surface seals. May also be used for overcoating fasteners and sealing seams and joints. Not for use on windscreens and canopies. Type I materials require use of an adhesion promotor, Type II materials do not. | X  |    |   |
| Silicone Adhesive-Sealant, One-Part, Room Temperature Vulcanizing (RTV), Non-fuel Resistant, Non-corrosive (Synthetic rubber) | MIL-A-46146<br><br>Type I (Paste)<br><br><br><br>Type II (Liquid, self-leveling)<br><br><br><br>Type III (High strength)   | <b>COLOR</b><br>Clear<br>White<br>White<br>Gray<br>Red<br><br>Clear<br>Clear<br>Gray<br><br>Clear<br>White<br>Gray<br>Gray<br>Red  | 8040-01-394-3735<br>8040-01-331-7133<br>8040-00-118-2695<br>8040-00-145-0020<br>8040-01-308-4963<br><br>8040-01-331-7127<br>8040-01-441-0671<br>8040-01-375-4805<br><br>8040-00-117-8510<br>8040-01-157-9469<br>8040-01-450-6545<br>8040-01-275-5052<br>8040-00-902-3871   | TU (3 OZ)<br>TU (3 OZ)<br>KT (3 OZ)<br>TU (3 OZ)<br>TU (3 OZ)<br><br>TU (3 OZ)<br>KT (3 OZ)<br>TU (3 OZ)<br><br>TU (3 OZ)<br>TU (3 OZ)<br>TU (3 OZ)<br>KT (3 OZ)<br>KT (3 OZ)  | For use on sensitive metals and equipment at temperature less than 400° F (204° C). Cures at room temperature upon contact with moisture in the air. To improve adhesion, use sealant with primer coat. Kit (KT) includes primer coat, but tube (TU) does not. | X  | X |
| Silicone RTV Primer Coat  | GE SS 4004<br>DC 1200<br>DC 1200   | <b>COLOR</b><br>Red<br>Red<br>Clear<br>Red<br>Red  | 8040-00-083-8403<br>8040-00-111-2682<br>8040-00-845-4304<br>8040-00-870-0877<br>8040-00-914-6970   | PT<br>PT<br>PT<br>QT<br>GL   | Use for improving adhesion of silicone RTV adhesive-sealants. Recommended for use with MIL-A-46146 RTV.  | X  |   |

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Table 2-16. Sealants (Cont.)

| Nomenclature  | Specifications/Part No.   | National Stock Number  | Unit of Issue  | Intended Use  | Usable On |    |
|---|---|--|--|---|-----------|----|
|   |   |  |  |   | AC        | AV |
| Skyflect Sealing Tape, Polytetrafluoroethylene, expanded (ePTFE), Oil and Water Resistant | AMS 3255<br>Class 1 (Continuous, ribbed)<br>GUA-1001-1<br>GUA-1001-2<br>GUA-1003-1<br>GUA-1017-1<br>GUA-1401-1<br>GSC-21-80767-00<br>GO-DO-0069-1<br><br>Class 2 (Continuous, non-ribbed)<br>GUA-1038-1<br>GUA-1057-1<br>GUA-1058-1<br>GUA-1059-1<br>GUA-1301-1 | 8030-01-367-7357<br>RO (100 FT)<br>Open Purchase<br>8030-01-368-7207<br>RO (100 FT)<br>8030-01-368-7208<br>RO (100 FT)<br>8030-01-454-7419<br>RO (100 FT)<br>8030-01-454-7418<br>RO (100 FT)<br>8030-01-467-6025<br>RO (100 FT)<br><br>8030-01-463-6459<br>RO (100 FT)<br>8030-01-377-3084<br>RO (100 FT)<br>8030-01-381-1584<br>RO (100 FT)<br>Open Purchase<br>RO (100 FT)<br>Open Purchase<br>RO (100 FT) | RO (100 FT)<br>RO (100 FT)<br>RO (100 FT)<br>RO (100 FT)<br>RO (100 FT)<br>RO (100 FT)<br>RO (100 FT)<br>RO (100 FT)<br>RO (100 FT)<br>RO (100 FT)<br>RO (100 FT)<br>RO (100 FT)<br>RO (100 FT)<br>RO (100 FT)<br>RO (100 FT)<br>RO (100 FT)<br>RO (100 FT)<br>RO (100 FT) | Sealing of faying surfaces, pressurized and non-pressurized access panels, floorboards, and windscreens upon approval from Type, Model, Series (TMS) engineering authority. Do not use in integral fuel tanks, fuel soaked or high temperature applications up to 250° F. Environmentally preferred non-hazardous alternative to two component, solvent based sealants. | X         |    |
| Adhesion Promoter for Polysulfide Sealing Compounds, Solvent Based (Titanate solution)    | AMS 3100<br>(P/N: PR-148)<br>Blue<br>Clear  | 8030-00-560-8756<br>8040-01-394-2521   | PT<br>PT   | Coupling solution for enhancing the adhesion of polysulfide compounds to a wide variety of substrates (e.g. integral fuel tanks). Apply by brush or clean cloth. Material dries at room temp in approx. 30 minutes.   | X         |    |
| Adhesion Promoter for Polysulfide Sealing Compounds, Water Based (Silane solution)        | P/N: PR-182<br>Pink<br>Clear  | 8030-01-131-3228<br>8030-01-093-5383   | PT<br>PT   | VOC compliant coupling solution for enhancing the adhesion of polysulfide compounds to a wide variety substrates. Apply by brush or clean cloth. Material dries at room temp in approx. 30 minutes.   | X         |    |
| Adhesion Promoter for Polythioether Sealing Compounds, Solvent Based (Amine solution)     | P/N: PR-187<br>Silane (supercedes PR-186)<br>Green<br>Green   | 8030-01-363-6682<br>8030-01-363-6678   | OZ (1 OZ)<br>PT (16 OZ)  | Coupling solution for enhancing the adhesion of polythioether compounds to manganese cured polysulfide sealants. Apply by brush or clean cloth. Material dries at room temp in approx. 30 minutes.  | X         |    |
| Plastic Adhesive for ePTFE Skyflect Sealing Tape with no adhesive backing (Red-brown)     | Scotch-Grip 847 (Liquid)  | 8040-01-033-7507   | TU (5 OZ)  | Use to hold ePTFE sealing tape with no adhesive backing in place. Fast drying and resists weathering, water, oil, plasticizer migration, and aliphatic fuels.   | X         |    |
| Plastic Adhesive for ePTFE Skyflect Sealing Tape with no adhesive backing (Amber)         | MMM-A-189<br>Scotch-Grip 1099 (Brush)<br>Scotch-Grip 1099-L (Spray)   | 8040-01-126-1422<br>8040-00-043-1717   | QT (32 OZ)<br>TU (2 OZ)  | Use to hold ePTFE sealing tape with no adhesive backing in place. Fast drying and resists weathering, water, oil, plasticizer migration, and aliphatic fuels.   | X         |    |

Table 2-16. Sealants (Cont.)

| Nomenclature   | Specifications/Part No.   | National Stock Number  | Unit of Issue  | Intended Use  | Usable On |    |
|--|---|--|--|---|-----------|----|
|  |   |  |  |   | AC        | AV |
| Sealing Compound, Synthetic Rubber   | MIL-PRF-8516<br>Type II<br>Class 1 (24 hr cure)<br><br>Class 2 (48 hr cure)<br><br>Class 3 (72 hr cure) | 8030-00-881-2618<br>8030-01-371-4022<br><br>8030-00-174-2597<br>8030-00-174-9035<br>8030-00-297-6677<br><br>8030-00-515-2271<br>8030-00-684-8790 | CA (2 oz)<br>CA (5.75 oz premixed frozen, 36/case)<br><br>KT (24 oz)<br>KT ( 96 oz)<br>KT (6 oz)<br><br>KT (48 oz)<br>KT (24 oz) | For sealing low voltage electrical connectors, wiring and other electrical apparatus against moisture and corrosion where temperature does not exceed 200° F (93° C). Good resistance to gasolines, oils, grease, water and humidity. CAUTION: Not authorized for use in engine bays, keel areas or areas adjacent to bleed air ducts |           | X  |
| Sealing Compound   | SAE-AMS-S-83318 (supercedes MIL-S-83318)  | 8030-00474-1419  | CA (6oz)   | A quick cure sealant that contains corrosion inhibitor. For use in sealing gaps, or seams during extreme cold weather activities.   |           | X  |
| Sealing Compound<br>Silicone Rubber,<br>Electrically<br>Conductive and<br>Corrosion Inhibiting<br>For use from<br>-67° F to +500° F<br>(-55° C to +260° C) | SAE-AMS 3262<br><br>Cho-Bond 1075 Sealant<br><br>Cho-Bond 1086 Primer<br><br>PR-2225, B-1 Sealant       | 8040-01-342-1510<br><br>8040-01-188-5038<br><br>Open Purchase Available from PRC-DeSoto International, Inc.                                      | TU (2.5 OZ)<br><br>PT<br><br>SemKit Cart, 10 oz  | To bond EMI gaskets to a metal surface, to bond and seal metal mating surfaces, and to fillet seal metal lap and butt joints while providing electrical conductivity and preventing galvanic corrosion in each case for EMI suppression applications.   |           | X  |



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Table 2-17. Solvents

| Nomenclature  | Specifications/Part No.   | National Stock Number  | Unit of Issue   | Intended Use  | Usable On |    |
|---|---|--|---|---|-----------|----|
|   |   |  |   |   | AC        | AV |
| Dry Cleaning and Degreasing Solvent                 | A-A-59601<br>(supersedes P-D-680)<br>Type II (High flash point) | 6850-00-110-4498<br>6850-00-637-6135<br>6850-00-274-5421<br>6850-00-285-8011   | PT<br>GL<br>CN (5 GAL)<br>DR (55 GAL)                               | General purpose cleaning solvent for removing oil, grease, and preservation compounds from painted or unpainted metal surfaces. Do not use as a final cleaner prior to painting.  | X         |    |
|   | Type III (Very high flash point)                                | 6850-01-377-1916<br>6850-01-377-1811<br>6850-01-377-1808<br>6850-01-377-1809<br>6850-01-331-3349<br>6850-01-331-3350 | CN (4 OZ)<br>PT<br>QT<br>GL<br>CN (5 GAL)<br>DR (55 GAL)            | Ideal for use in localities where Type II of this material is restricted or prohibited.   |           |    |
| Mineral Spirits, Hydrocarbon Dry Cleaning Solvent   | ASTM D235<br>Type II Class C<br>(High flash point)              | 6850-01-463-7877<br>6850-01-463-7881   | CN (5 GAL)<br>DR (55 GAL)   | General purpose cleaning solvent for removing oil, grease, and preservation compounds from painted or unpainted metal surfaces. Ideal for use in localities where MIL-PRF-680 Type II is restricted or prohibited.                                | X         |    |
| Degreasing Solvent                                  | MIL-PRF-680<br>Type II (High flash point)                       | 6850-01-474-2319<br>6850-01-474-2317<br>6850-01-474-2316   | GL<br>CN (5 GAL)<br>DR (55 GAL)                                     | General purpose cleaning solvent for removing oil, grease, and preservation compounds from painted or unpainted metal surfaces. Do not use as a final cleaner prior to painting.  | X         | X  |
|   | Type III (Very high flash point)                                | 6850-01-474-2318<br>6850-01-474-2320<br>6850-01-474-2321   | GL<br>BX (2 - 2.5 GAL)<br>DR (55 gal)                               |   |           |    |
|   | Type IV (High flash point with d-limonene)                      | 6850-01-472-2723<br>6850-01-472-2721<br>6850-01-472-2722<br>6850-01-472-2717<br>6850-01-472-2719                     | PT<br>QT<br>GL<br>CN (5 GAL)<br>DR (55 GAL)                         |   |           |    |
| Cleaning Solvent                                    | Envirosolv 654CR  | 6850-01-388-9732   | CN (5 GAL)  | For use in ultrasonic cleaning or as a wipe solvent.  |           | X  |
| Wipe Solvent, Low Vapor Pressure, General Purpose   | P-W-2891<br>Type I Class A<br>(Fast evaporating)                | 7930-01-436-8085<br>7930-01-436-8023<br>7930-01-436-8077<br>7930-01-436-7959<br>7930-01-436-8019                     | PT<br>QT<br>GL<br>CN (5 GAL)<br>DR (55 GAL)                         | Cleaning of aircraft surfaces prior to painting, sealing, adhesive bonding<br>Type II Class B of this spec. is safe to use on windscreens and canopies. May be used as a MEK, MIBK, MIL-T-81772, and Aliphatic Naphtha wipe cleaning alternative. | X         |    |
|   | Type II Class B<br>(High flash point)                           | 7930-01-436-8024<br>7930-01-436-7904<br>7930-01-436-7953<br>7930-01-436-7944<br>7930-01-436-8013                     | QT<br>GL<br>BX (4, 1 gal BTs)<br>CN (5 GAL)<br>DR (55 GAL)          |   |           |    |
| Wipe Solvent for Aircraft Surfaces, General Purpose | AMS 3166  | 7930-01-367-0994<br>7930-01-367-0995<br>7930-01-367-0996<br>7930-01-367-0997   | BX (24, 1 pt BTs)<br>BX (4, 1 gal BTs)<br>CO (5 GAL)<br>DR (55 GAL) | Cleaning of aircraft structural (i.e., metal and composite) surfaces prior to painting, sealing, bonding, application of adhesion promoters. May be used as a MEK, MIBK, and MIL-T-81772 alternative.   | X         |    |
| Paint Spray Gun and Pre-paint Wipe Cleaner          | TT-T-2935   | 8010-01-474-7092<br>8010-01-474-7097<br>8010-01-474-8982<br>8010-01-474-7098<br>8010-01-474-7095                     | PT<br>QT<br>GL<br>CN (5 GAL)<br>DR (55 GAL)                         | Cleaning of paint spray guns and aircraft surfaces prior to painting and sealing in lieu of MIL-T-81772. Do not use to clean polycarbonate or acrylic materials. Not intended for thinning/reducing paints.                                       | X         | X  |

Table 2-17. Solvents (Cont.)

| Nomenclature  | Specifications/Part No.   | National Stock Number  | Unit of Issue  | Intended Use  | Usable On |    |
|---|---|--|--|---|-----------|----|
|   |   |  |  |   | AC        | AV |
| Isopropyl Alcohol (i.e., IPA, 2-Propanol, and Isopropanol)  | TT-I-735<br>Grade A (Technical)<br><br>ACS Grade (Reagent)  | 6810-00-753-4993<br>6810-00-983-8551<br>6810-00-286-5435<br>6810-00-543-7915<br><br>6810-00-183-4393<br>6810-00-822-7637<br>6810-00-227-0410<br>6810-01-448-9253<br>6810-00-586-6647<br>6810-00-944-9657 | CN (8 OZ)<br>QT<br>GL<br>DR (55 GAL)<br><br>PT<br>QT<br>GL<br>BT (4 liters)<br>CN (5 GAL)<br>DR (55 GAL) | Use for removing fungi (molds), or preparing surface prior to painting, sealing. Do not use on acrylic plastic materials.   | X         | X  |
| Aliphatic Naphtha   | TT-N-95 Type II   | 6810-00-238-8119<br>6810-00-265-0664<br>6810-00-238-8117   | GL<br>CN (5 GAL)<br>DR (55 GAL)  | Use for cleaning/degreasing acrylic plastics (i.e., windscreens and canopies).  | X         |    |
| Acetone (i.e., 2-Propanone and Dimethylketone), 99.5% grade | ASTM D329 (supersedes O-A-51)   | 6810-00-223-2739<br>6810-01-003-0262<br>6810-00-184-4796<br>6810-00-281-1864   | PT<br>GL<br>CN (5 GAL)<br>DR (54 GAL)  | General purpose wipe cleaning solvent for removing light oils, greases, or preservation compounds. from painted or unpainted metal and composite surfaces.  | X         |    |
| Solvent Cleaning Compound for Integral Fuel Tank            | A-A-59281 (supersedes MIL-C-38736)<br>Type I<br>(Normal solvent blend)<br><br>Type II<br>(Non-photochemically reactive solvent blend) | 6850-00-611-7993<br>6850-00-538-0929<br>6850-01-016-3482<br><br>6850-01-383-2171<br>6850-01-383-2117<br>6850-01-383-2377<br>6850-01-383-2103   | PT<br>GL<br>DR (55 GAL)<br><br>PT<br>GL<br>CN (5 GAL)<br>DR (55 GAL)                                     | Wipe cleaning of aluminum surfaces and solvent resistant coatings prior to chemical treatments or the application of integral fuel tank sealants.   | X         |    |
| Distilled Water   | ACS grade<br><br>Reagent Grade  | 6810-00-107-1510<br><br>6810-00-682-6867<br>6550-01-310-1677<br>6550-01-312-7739<br>6810-01-327-6267   | DR (5 GAL)<br><br>BX (6 EA, 1 GL)<br>PG (4 EA, 1 GL)<br>BX (20 L)<br>GL                                  | Used for cleaning in critical soldering operations.   |           | X  |
| Cleaning Compound, Solvent                                  | CT-1  | 6850-01-394-2629<br>6850-01-394-2633<br>6850-01-394-2631   | DR (55 GAL)<br>CN (5 GAL)<br>GL  | For use with CHEM-TECH Track 8 cleaning   |           | X  |
| Cleaning Compound, Solvent                                  | CT-2L   | 6850-01-394-2627<br>6850-01-394-2630   | DR (55 GAL)<br>CN (5 GAL)  | For use with CHEM-TECH Track 8 cleaning   |           | X  |
| Solvent, Paint Equipment Cleaning                           | EP-921 (Mfr: Inland Technology)   | 6850-01-381-3300<br>6850-01-381-4408   | CN (5 GAL)<br>DR (55 GAL)  | Environmentally compliant solvent for use in cleaning paint guns, hose, pots, and other painting equipment. Use in IT-200 Paint Gun Washers.<br><br><b>NOTE</b><br>EP-921 is not intended to be a thinner for paints or coatings. | X         |    |

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Table 2-18. Tags/Forms

| Nomenclature                                  | Specifications/Part No.    | National Stock Number | Unit of Issue | Intended Use   | Usable On |    |
|---|----------------------------|-----------------------|---------------|--|-----------|----|
|   |                            |                       |               |  | AC        | AV |
| Water/Crash/Fire Damage Tag (Navy Use Only)   | NAVAIR 3750/1 (Rev. 10/98) | 0102-LF-994-3300      | PG (50)       | Use for tagging equipment or parts removed from aircraft involved in water, crash, and/or fire damage. | X         | X  |
| Water/Crash/Fire Damage Label (Navy Use Only) | NAVAIR 4035/13 (Rev. 6/98) | 0102-LF-994-2800      | PG (50)       | Use for tagging equipment or parts removed from aircraft involved in water, crash, and/or fire damage. | X         | X  |

Table 2-19. Tapes

| Nomenclature  | Specifications/Part No.                             | National Stock Number  | Unit of Issue  | Intended Use   | Usable On |    |
|---|---|--|--|--|-----------|----|
|   |   |  |  |  | AC        | AV |
| Aircraft Preservation and Sealing Tape (Black)                    | AMS-T-22085 Type II (3M No. 481)                    | 7510-00-852-8179<br>7510-00-852-8180<br>7510-00-885-3510<br>7510-00-926-8939<br>7510-00-916-9659<br>7510-00-926-8941   | RO (1" x 36 YD)<br>RO (2" x 36 YD)<br>RO (2.5" x 36 YD)<br>RO (3" x 36 YD)<br>RO (4" x 36 YD)<br>RO (6" x 36 YD)   | One-sided plastic preservation and sealing tape used for holding most barrier material in place during storage or shipment. Effective for many outdoor applications and can be used on metals or painted surfaces with clean removal up to 2 years after initial use.<br><b>NOTE:</b> Do not use on acrylic or polycarbonate canopies and windscreens.                             | X         | X  |
| Paint Masking Tape, Crepe Paper Treated (Natural)                 | AMS-T-21595 Type I (3M No. 231)                     | 7510-01-371-3239<br>7510-01-371-3234<br>7510-01-371-3238<br>7510-01-371-3236<br>7510-01-371-3237<br>7510-01-371-3235   | RO (1/2" x 60 YD)<br>RO (3/4" x 60 YD)<br>RO (1" x 60 YD)<br>RO (1.5" x 60 YD)<br>RO (2" x 60 YD)<br>RO (3" x 60 YD)   | Conformable tape used for masking prior to painting and sealant applications. Tape can be used at baking temperatures up to 250° F for one hour and can be removed without adhesive transfer. Tape shall not be subjected to outdoor exposure or prolonged periods of sunlight.  | X         | X  |
| Fine Line Tape, Plastic Film with Matte Finish (Light Green)      | AMS-T-21595 Type III (3M No. 218)                   | 7510-01-158-0035<br>7510-01-158-6606<br>7510-01-158-7778<br>7510-01-158-6605<br>7510-01-158-6604<br>7510-01-158-6603<br>7510-01-158-6607   | RO (1/4" x 60 YD)<br>RO (1/2" x 60 YD)<br>RO (3/4" x 60 YD)<br>RO (1" x 60 YD)<br>RO (1.5" x 60 YD)<br>RO (2" x 60 YD)<br>RO (3" x 60 YD)  | One-sided thin plastic tape used for fine line masking during paint touchup and for other masking and holding applications. Tape shall not be subjected to outdoor exposure or prolonged periods of sunlight because the tape will become very difficult to remove.  | X         |    |
| Aluminum Foil Tape, Chemical and Water Resistant (Shiny Silver)   | AMS-T-23397 Type II (3M No. 425)                    | 7510-00-806-4669<br>7510-00-654-9811<br>7510-00-720-7516<br>7510-00-684-8803<br>7510-00-816-8077<br>7510-00-982-3955<br>7510-00-179-0662   | RO (1/2" x 60 YD)<br>RO (3/4" x 60 YD)<br>RO (1" x 60 YD)<br>RO (2" x 60 YD)<br>RO (3" x 60 YD)<br>RO (4" x 60 YD)<br>RO (5" x 60 YD)  | Maskant material used for protecting surrounding surfaces during paint removal operations. Aluminum backing provides excellent reflection of both heat and light. Tape can be used indoors or outdoors for many long term applications. Use tape and decal applicator (P/N: P.A.-1) to apply this tape to surfaces.  | X         | X  |
| Flatback Masking Tape (Tan)                                       | A-A-883 Type II (supersedes PPP-T-250) (3M No. 250) | 7510-01-026-4661<br>7510-00-290-2024<br>7510-00-283-0612<br>7510-00-290-2027<br>7510-00-290-2026<br>7510-00-266-6694   | RO (1/2" x 60 YD)<br>RO (3/4" x 60 YD)<br>RO (1" x 60 YD)<br>RO (1.5" x 60 YD)<br>RO (2" x 60 YD)<br>RO (3" x 60 YD)   | The solvent resistance of this tape makes it ideal for straight line paint masking operations. The 1" size of this tape (No. 250) is usually used for the paint pull adhesion test. Because of its high strength, it is good for holding, bundling, and wrapping on a variety of surfaces. It is not recommended for outdoor exposure because it becomes very difficult to remove. | X         |    |
| Plastic Media Blasting (PMB) Tape, Impact Resistant (Light Green) | 3M No. 500  | 7510-01-300-2124<br>7510-01-300-2125<br>7510-01-300-2126<br>7510-01-300-2127   | RO (1" x 10 YD)<br>RO (2" x 10 YD)<br>RO (3" x 10 YD)<br>RO (4" x 10 YD)   | Masking and protecting aircraft surfaces during grit media blasting.   | X         |    |
| Applicator, Tape and Decal  | 3M No. P.A.-1 (4" L x 2-3/4" W with tapered edges)  | 5120-00-628-5569   | BX (25)  | Ideal for applying masking tapes (esp. aluminum foil tape), anti-erosion leading edge tape, and decals.  | X         |    |
| Insulating Tape, Electrical                                       | ASTM-D2686  | 5970-01-097-3767   | RO   |  |           | X  |
| Pressure Sensitive Tape   | A-A-59298   | 7510-01-060-8518<br>7510-01-497-3708   | RO (natural, 1/2" X 72 YD)<br>RO (yellow, 1/8" X 72 YD)  | For isolating dissimilar metals where galvanic action may take place in avionic equipment.   |           | X  |
| Paint Masking Tape, Crepe Paper Treated (Lime Green)              | 3M No. 233+   | 7510-01-504-5274<br>7510-01-504-5275<br>7510-01-504-5276<br>7510-01-504-5267<br>7510-01-504-5271<br>7510-01-504-5272<br>7510-01-504-5278<br>7510-01-504-5268<br>7510-01-504-5277<br>7510-01-504-5269 | RO (1/8" x 60 YD)<br>RO (1/4" x 60 YD)<br>RO (1/2" x 60 YD)<br>RO (3/4" x 60 YD)<br>RO (1" x 60 YD)<br>RO (1 1/2" x 60 YD)<br>RO (2" x 60 YD)<br>RO (3" x 60 YD)<br>RO (4" x 60 YD)<br>RO (6" x 60 YD) | Highly conformable tape for masking prior to paint and sealant applications. Provides excellent paint lines. Tape can be used at baking temperatures up to 250° F for one hour and can be removed without adhesive transfer. Alternative to 3M No. 231 masking tape for component painting.  | X         |    |

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Table 2-20. Tracers/Indicators

| Nomenclature                                      | Specifications/Part No.  | National Stock Number  | Unit of Issue   | Intended Use   | Usable On |    |
|---|--|--|---|--|-----------|----|
|   |  |  |   |  | AC        | AV |
| Desiccant   | MIL-D-3464 Type II<br>16 unit bag<br>8 unit bag<br>4 unit bag<br>2 unit bag<br>1 unit bag<br>1 unit bag<br>0.5 unit bag<br>0.3 unit bag<br>0.16 unit bag | 6850-00-935-9793<br>6850-00-935-9794<br>6850-00-935-9795<br>6850-00-935-9878<br>6850-00-935-9796<br>6850-00-935-9797<br>6850-00-935-9798<br>6850-00-935-9799<br>6850-00-935-9800 | DR (120 bags)<br>DR (240 bags)<br>DR (400 bags)<br>CN (130 bags)<br>DR (1000 bags)<br>CN (250 bags)<br>CN (450 bags)<br>CN (650 bags)<br>CN (1200 bags) | Absorbs moisture, lowers relative humidity when sealed in container.   |           | X  |
| Humidity Indicator                                | MIL-I-8835 Style A1<br>3" x 2"<br>1.625" x 1"  | 6685-00-752-8240<br>6685-01-008-7563   | CN (125/can)<br>EA  | Used to determine that desiccant within a package is sufficiently active to maintain a relative humidity below that at which corrosion will occur.   |           | X  |
| Silver Nitrate                                    |  | 6505-00-140-5000<br>6810-00-233-0124<br>6810-00-233-0126<br>6810-00-243-4434<br>6810-01-461-4501   | BT (1 oz (28.35g))<br>BT (500 g)<br>BT (4 oz (100 g))<br>BT (25g)<br>EA (25g)   | Identification of magnesium metal.   |           | X  |
| Silver Nitrate Solution                           |  | 6810-00-282-1218<br>6810-01-491-6715   | BT (500 ml)<br>BT (0.5%, 960 ml)  | Identification of magnesium metal.   |           | X  |
| Phosphoric Acid, Technical (Orthophosphoric Acid) | A-A-55820<br>Class 1 (85 percent acid)   | 6810-00-264-6722   | BT (2.5 Liters)   | One of two components used to make bromothymol blue indicating solution for nickel-cadmium batteries to determine location of contamination (electrolyte spills) and to indicate whether these areas have been completely neutralized. | X         |    |
| Bromothymol Blue Indicator                        | A-A-59282<br>Reagent Crystal Powder<br><br>Premade Solution  | 6810-00-019-0040<br>6810-00-262-8581<br><br>6810-00-281-4270<br>6810-00-281-4271<br>6810-00-031-4757   | BT (10 grams)<br>BT (1 gram)<br><br>BT (500 ml)<br>EA (4 oz)<br>BT (16 oz)  | One of two components in an indicator solution for detecting nickel-cadmium battery spills. For detecting reverse voltage damage to we-slug tantalum capacitors.   | X         | X  |
| Litmus Paper                                      | Blue Litmus Paper<br>Red Litmus Paper  | 6640-00-290-0146<br>6640-00-290-0147   | HD (100)<br>HD (100)  | Color change to red indicates acid present (lead acid batteries). Color change to blue indicates alkali present (nickel-cadmium batteries).  | X         | X  |



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### CHAPTER 3 EQUIPMENT FOR CORROSION CONTROL

**3-1. INTRODUCTION.** The equipment referenced in this chapter is approved for use, but approval should not be misconstrued as an endorsement of any manufacturer's product(s). If approved equipment for an application/procedure is not available, contact your service representative for approved substitutes: Naval Air Depot North Island (Code 497), San Diego, CA (Navy), or AMCOM Corrosion Program Office, or U.S. Army Aviation Systems Command, Redstone Arsenal, Huntsville, AL (Army).

**3-2. ARRANGEMENT OF CHAPTER.** Chapter 3 lists equipment used for aircraft and avionics cleaning and corrosion control.

3-2.1. Equipment is grouped by function in the following tables:

- a. Table 3-1. Cleaning Equipment.
- b. Table 3-2. Conversion Coating Equipment.
- c. Table 3-3. Corrosion Removal Equipment.
- d. Table 3-4. Painting Equipment.
- e. Table 3-5. Safety Equipment.
- f. Table 3-6. Sealing Equipment.

3-2.2. A description of the column headings and contents is given below.

- a. Nomenclature: the name of the equipment
- b. Specification/Part Number: the military or industry specification and/or the commercial part number

c. National Stock Number: the national stock number of the equipment

d. Unit of Issue: the type/size of the equipment issued. Unit of Issue abbreviations are shown below.

| CODE | UNIT      | CODE | UNIT     | CODE | UNIT    |
|------|-----------|------|----------|------|---------|
| BG   | Bag       | DZ   | Dozen    | OZ   | Ounce   |
| BO   | Bolt      | EA   | Each     | PG   | Package |
| BT   | Bottle    | FT   | Foot     | PR   | Pair    |
| BX   | Box       | GL   | Gallon   | PT   | Pint    |
| CA   | Cartridge | GR   | Gross    | QT   | Quart   |
| CB   | Carboy    | JR   | Jar      | RO   | Roll    |
| CN   | Can       | KT   | Kit      | SE   | Set     |
| CO   | Container | LB   | Pound    | SH   | Sheet   |
| CS   | Case      | LG   | Length   | TU   | Tube    |
| DR   | Drum      | MX   | Thousand | YD   | Yard    |

e. Intended Use: a short description of what the equipment is used for.

f. Useable On: an "x" in this column indicates that the equipment has been approved for use on Aircraft (AC) and/or Avionics (AV). If equipment does not have an "x", contact the cognizant engineering authority for the specific aircraft/part for authorization before use.

Table 3-1. Cleaning Equipment

| Nomenclature  | Specifications/Part No.   | National Stock Number  | Unit of Issue                  | Intended Use  | Usable On |    |
|---|---|--|--------------------------------|---|-----------|----|
|   |   |  |                                |   | AC        | AV |
| Aircraft Washing Kit, Exterior, Conformable           | 3M No. 251M   | 7920-00-490-6046   | KT                             | General cleaning of aircraft surfaces.  | X         |    |
| Pad, Aircraft Cleaning, Exterior (Tan/White)          | 3M No. 33<br>(6" L x 12" W x 3/4" D pad)  | 7920-01-519-4736   | CS (50)                        | Replacement for 3M No. 251 Washing Kit for Exterior Aircraft Washing Operations.  | X         |    |
| Aircraft Cleaning Pad, Holder, Curved (Gray)          | 3M No. 261<br>(6" L x 12" W pad holder)   | 7920-01-519-4735   | EA                             | Use with 3M No. 33 Cleaning Pads and A-A-1464 Aluminum Handle for exterior aircraft washing.  | X         |    |
| Cleaning and Scouring Pad, Non-Metallic               | A-A-3100<br>Type I (3/8" thick)<br>Type II (1" thick)   | 7920-00-151-6120<br>7920-00-171-1534   | PG (10)<br>PG (10)             | Replacement sponge (12" L x 6" W) for washing kit No. 251M. Hand held or attach to the wash applicator.   | X         | X  |
| Scrub Brush, Aircraft Cleaning (Nylon Bristle)        | MIL-B-23958 Type I<br>Style 1, Round Block<br>Style 2, 6" Rectangular Block<br>Style 3, 12" Rectangular Block   | 7920-00-054-7768<br>7920-00-051-4386<br>7920-00-051-4383   | EA<br>EA<br>EA                 | Application of cleaner and scrubbing of aircraft surfaces and avionics equipment housings for hard to remove soils.                                   | X         | X  |
| Window Brush, Waterproof (Horsehair material)         | A-A-3080<br>(supersedes MIL-B-23958)<br>Type I - Round shape<br>4.5" dia.<br>5" dia.<br>8" dia.<br>Type II - Rectangular shape<br>6" L x 4" W   | 7920-00-240-7176<br>7920-00-051-4384<br>7920-00-297-1509<br>7920-01-136-8892                         | EA<br>EA<br>EA<br>EA           | Scrubbing painted aircraft surfaces and windows.  | X         |    |
| Toothbrush, Soft Bristle, Straight Line Design        | A-A-59 (Children's)<br>A-A-123 (Adult's)  | 8530-01-293-1388<br>8530-01-293-1387   | DZ (30)<br>DZ (30)             | Cleaning intricate parts. Before using, insure chemicals will not dissolve or soften brush.   | X         | X  |
| Handle, Wood, Threaded and Tapered Ends               | A-A-3082<br>(supersedes NN-H-104)<br>Type I - Threaded metal end<br>7/8" dia. x 4' L<br><br>Type II - Tapered end<br>15/16" dia. x 4.5' L<br>15/16" dia. x 5' L<br>1 1/8" dia. x 4.5' L<br>1 1/8" dia. x 8' L | 7920-00-982-6512<br><br>7920-00-177-5106<br>7920-00-283-0328<br>7920-00-141-5452<br>7920-00-263-0327 | EA<br><br>EA<br>EA<br>EA<br>EA | Long handle for brushes. May be used with 3M No. 251M aircraft washing kit or 3M No. 261 Cleaning Pad Holder.   | X         |    |
| Handle, Aluminum, 2-piece Threaded End with 7/8" dia. | A-A-1464  | 7920-00-926-5146   | EA                             | Extension for scrub brush to clean, paint, or wash high surfaces. Extendable from 5' to 10'. Recommended for use with 3M No. 261 Cleaning Pad Holder. | X         |    |
| Water Nozzle, Adjustable from Spray to Stream         | A-A-50461<br>Garden Hose (Brass)<br>High Pressure (Pistol Grip)<br><br>Model M-70 (Black), P/N: 10855<br>(Mfr: Strahman)<br><br>Hydro-Pro 150 (Black)<br>(Mfr: Strahman)                                      | 4730-00-223-6731<br>4730-00-900-0733<br><br>4730-00-900-0733<br><br>Open Purchase                    | EA<br>EA<br><br>EA<br><br>EA   | Spraying and rinsing of aircraft.   | X         |    |
| Water Hose Assembly, Rubber                           | A-A-59270<br>(supersedes L-H-520)<br>5/8" ID x 50' L<br>3/4" ID x 50' L   | 4720-00-203-3920<br>4720-00-203-3912   | EA<br>EA                       | Washing and rinsing aircraft.   | X         |    |
| Hose Assembly with Spray Nozzle (Black)               | P/N: 10937 (50' hose)<br>P/N: 10955 (100' hose)<br>(Mfr: Strahman)  | Open Purchase<br>Open Purchase   | EA<br>EA                       | Washing and rinsing aircraft.   | X         |    |



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Table 3-1. Cleaning Equipment (Cont.)

| Nomenclature   | Specifications/Part No.   | National Stock Number                                    | Unit of Issue  | Intended Use   | Usable On |    |
|--|---|--|----------------|--|-----------|----|
|  |   |  |                |  | AC        | AV |
| Pump, Backpack (5 gals.)   | P/N: 5100-254B  | 4320-00-289-8912   | EA             | Localized cleaning and rinsing of aircraft surfaces.   | X         | X  |
| Spray Gun, Pneumatic   | SAE AMS-G-952, Type I   | 4940-00-248-0866   | EA             | Spraying cleaning compounds. Not for use with solvents.  | X         |    |
| Cleaning Unit, Portable, Foam Generating Stainless Steel Tank (Porta-Foamer) | Tank capacity:<br>15 gallons<br>45 gallons  | 4940-01-058-5267<br>4940-01-041-5680                     | EA<br>EA       | Foam applicator for MIL-PRF-85570 cleaning compounds. Use with compressed air to spray water detergent or cleaning solvents for cleaning aircraft exteriors and engines. Cleaning gun/sprayer included.  | X         |    |
| Wash Unit, Universal   | P/N: 21C2438G01 (Mfr.: General Electric)  | 4940-01-185-6215   | EA             |  | X         |    |
| Corrosion Control Cart for Jet Engine Cleaning                               | Model 62555 (P/N: 65A102J1)   | 4920-00-930-1801   | EA             | Portable cleaning machine for cleaning and rinsing aircraft turbine engines.   | X         |    |
| Deicer, Aircraft   | Model 58323 (P/N: D40-D)  | 1730-01-093-6517   | EA             | Truck mounted spray unit used to provide deicing, anti-icing, and fluid spraying capabilities.   | X         |    |
| Electric Heater Gun  | A-A-59435<br>Type I (350-500° F)<br>Type II (500 -750° F)<br>Type III (750-1000° F) | 4940-00-357-1369<br>4940-01-028-7493<br>4940-01-391-7046 | EA<br>EA<br>EA | To thaw or dry equipment/components or shrink insulating tubing associated with electrical applications.<br><b>WARNING</b><br>Not explosion proof. Not authorized for use on aircraft.   | X         | X  |
| Mini-Vacuum Cleaner, Pneumatic, Venturi-Type                                 | P/N: AT560  | 5130-01-368-5861   | EA             | Removing dirt and debris.  | X         | X  |
| Vacuum Cleaner with attachments  | Pneumatic   | 7910-00-807-3704   | EA             | Removing dirt and debris.  | X         | X  |
| Bottle, Adjustable, Sprayer Nozzle (16 oz.)                                  | A-A-2806  | 8125-00-488-7952   | EA             | Spraying of cleaning compounds.  | X         | X  |
| Spray Kit, Self Pressurized Plastic Bottle (32 oz.)                          | P/N: 4382T1   | 4940-01-364-8761   | EA             | Spraying of dilute cleaning compounds.   | X         |    |
| Utility Pail, Rubber (3 gals.)   | L-P-65  | 7240-00-246-1097   | EA             | Container for holding or mixing materials.   | X         |    |
| Brush, Acid  | A-A-289   | 7920-00-514-2417   | GR             | For cleaning connectors, circuit boards, and small components.   |           | X  |
| Brush, Aircraft Cleaning, Tampico Fiber                                      | A-A-2074  | 7920-00-282-2470   | EA             | For removal of corrosion products and surface contamination from avionic equipment housings, chassis and covers.   |           | X  |
| Brush, Typewriter  | A-A-3077<br>Cone-shaped<br>Toothbrush-shaped<br>Paintbrush-shaped                   | 7510-00-550-8444<br>7510-00-550-8446<br>7510-00-550-8845 | EA<br>EA<br>EA | For scrubbing dirt, soil, and corrosive products from circuit components.  |           | X  |
| Booth, Cleaning, Water Base Solvent Spray                                    | MIL-PRF-83831   | 4940-00-422-1774   | EA             | For the removal of dirt, dust, salt spray deposits and light corrosion products. For pre-cleaning of components prior to ultrasonic detergent cleaning. For cleaning and rinsing components after ultrasonic detergent cleaning, abrasive corrosion removal and hand cleaning. |           | X  |
| Heat Lamp  |   | 6240-01-349-4407   | EA             | Used for drying during Track 8 cleaning procedures.  |           | X  |

Table 3-1. Cleaning Equipment (Cont.)

| Nomenclature                            | Specifications/Part No. | National Stock Number  | Unit of Issue | Intended Use                                 | Usable On |    |
|---|-------------------------|--|---------------|--|-----------|----|
|   |                         |  |               |  | AC        | AV |
| Oven, Forced Air                        |                         | 6640-00-086-5371<br>6640-00-165-5751<br>6640-00-216-3465<br>6640-00-420-2650<br>6640-00-471-5678<br>6640-00-524-6150<br>6640-00-526-7364<br>6640-00-774-1214<br>6640-01-025-8802<br>6640-01-036-7645<br>6640-01-037-4574<br>6640-01-080-6852<br>6640-01-113-6711<br>6640-01-189-1614<br>6640-01-193-8978<br>6640-01-251-7088<br>6640-01-254-8626<br>6640-01-283-4503   | EA            | For drying avionic equipment and components. |           | X  |
| Oven, Circulating Air, (Gravity Drying) |                         | 6640-00-022-8349<br>6640-00-061-2796<br>6640-00-108-1738<br>6640-00-110-9013<br>6640-00-119-9372<br>6640-00-127-5747<br>6640-00-165-5749<br>6640-00-359-9880<br>6640-00-431-7593<br>6640-00-435-7320<br>6640-00-501-5489<br>6640-00-501-5496<br>6640-00-501-5499<br>6640-00-526-7361<br>6640-00-531-4358<br>6640-00-863-6766<br>6640-00-889-6914<br>6640-00-890-9229<br>6640-00-926-7346<br>6640-00-977-3341<br>6640-01-037-4575<br>6640-01-050-3628<br>6640-01-052-8326<br>6640-01-052-8465<br>6640-01-069-6322<br>6640-01-101-3810<br>6640-01-116-1036<br>6640-01-135-1961<br>6640-01-296-2142 | EA            | For drying avionic equipment and components. |           | X  |
| Oven, Circulating Air, (Natural Drying) |                         | 4430-00-142-2336<br>4430-00-187-7717<br>4430-00-192-0779<br>4430-00-344-1535<br>4430-00-349-5066<br>4430-00-596-3314<br>4430-00-622-6996<br>4430-00-731-2773<br>4430-00-831-4172<br>4430-00-973-2707<br>4430-01-061-5219<br>4430-01-062-0178<br>4430-01-065-2184<br>4430-01-082-5531<br>4430-01-111-0972<br>4430-01-125-5286<br>4430-01-164-3565<br>4430-01-203-4327<br>4430-01-262-7709   | EA            | For drying avionic equipment and components. |           | X  |
| Oven, Vacuum                            |                         | 6640-00-018-4185<br>6640-00-165-5751<br>6640-00-184-3671<br>6640-00-435-7385<br>6640-00-532-7524<br>6640-01-007-9191<br>6640-01-008-3476<br>6640-01-015-5049<br>6640-01-018-8565<br>6640-01-023-2809<br>6640-01-023-5723<br>6640-01-031-7053<br>6640-01-083-1723<br>6640-01-096-9497<br>6640-01-302-1025<br>6640-01-387-2604   | EA            | For drying avionic equipment and components. |           | X  |

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Table 3-2. Conversion Coating Equipment

| Nomenclature  | Specifications/Part No.          | National Stock Number | Unit of Issue | Intended Use   | Usable On |    |
|---|----------------------------------|-----------------------|---------------|--|-----------|----|
|   |                                  |                       |               |  | AC        | AV |
| Acid Swabbing Brush, Metal Handle (Horsehair bristle) | A-A-289<br>(5 3/4" L x 3/8" W)   | 7920-00-514-2417      | GR            | Disposable brush for applying chemical conversion coatings and touching up paints. | X         | X  |
| Sponge Stick Moistener                                | A-A-137<br>(supercedes GG-M-571) | 7520-00-241-2981      | EA            | Application of chemical conversion coating materials.                              | X         | X  |
| Wash Bottle, Plastic (250 ml)                         |                                  | 6640-00-299-8493      | EA            | Use for rinsing chemically treated surfaces.                                       | X         | X  |

Table 3-3. Corrosion Removal Equipment

| Nomenclature  | Specifications/Part No.   | National Stock Number   | Unit of Issue                                | Intended Use  | Usable On |    |
|---|---|---|--|---|-----------|----|
|   |   |   |  |   | AC        | AV |
| Grinder, Pneumatic, Horizontal (20,000-25,000 RPM)  | P/N DG-50-230   | 5130-00-293-2797  | EA   | Use with 3M Radial Bristle Disk for small corrosion repair and paint removal.   | X         | X  |
| Mandrel Assembly, Radial Bristle Disc   | 3M No. 990  | 3460-01-493-7924  | CS (5)                                       | Use with 3M radial bristle disc for small corrosion repair and paint removal.   | X         | X  |
| Radial Bristle Disc, 3" Diameter (Salmon)   | 3M No. SPA  | 5345-01-493-2510  | CS (40)                                      | Light corrosion/paint removal and surface preparation on aluminum, titanium, and high-strength steel substrates.  | X         | X  |
| Radial Bristle Disc, 3" Diameter (Lime Green)   | 3M No. 360  | 5345-01-493-2514  | CS (40)                                      | Heavy corrosion/paint removal and surface preparation on aluminum, titanium, and high-strength steel substrates.  | X         | X  |
| Vacuum Sanding Systems, Clayton (each unit includes an ULPA-filter vacuum, a variety of pneumatic sanders, abrasives, tools, compressed air and vacuum hoses) | P/N: 670-DM-1535-0<br>P/N: 670-DM-1535-4<br>P/N: 770-DM-1535-0<br>P/N: 770-DM-1535-4  | 1HD0000-LL-CQA-8342<br>1HD0000-LL-CQA-8348<br>1HD0000-LL-CQA-8349<br>1HD0000-LL-CQA-8353  | EA<br>EA<br>EA<br>EA                         | Portable vacuum sanding system used to remove corrosion or coatings from metal or composite surfaces. Captures airborne particles and dust generated by sanding operations.<br><br>For use in shops and hangers, electric.<br>For use in shops and hangers, pneumatic.<br>For use in small areas and aboard ship, electric.<br>For use in small areas and aboard ship, pneumatic. | X         | X  |
| Sanders, Clayton Vacuum Sanding Systems   | P/N: 675-12301J<br>P/N: 670-12601J<br>P/N: 675-12341J<br>P/N: 670-12601J<br>P/N: 690-003  | 5130-01-520-5673<br>5130-01-520-5669<br>5130-01-520-5670<br>5130-01-520-5672<br>5130-01-520-5671  | EA<br>EA<br>EA<br>EA<br>EA                   | Replacement sanders for Clayton Vacuum Sanding System (refer to Table 2-1 for abrasives used with Clayton sanders).   | X         | X  |
| Backup Pads for Clayton Sanders   | P/N: 672-301J<br>P/N: 672-611J<br>P/N: 672-402J<br>P/N: 672-701J<br>P/N: 673-B0038<br>P/N: 692-282J   | 1HS0000-LL-CQA-8300<br>1HS0000-LL-CQA-8302<br>1HS0000-LL-CQA-8306<br>1HS0000-LL-CQA-8303<br>5340-01-519-0929<br>1HS0000-LL-CQA-8305                                   | EA<br>EA<br>EA<br>EA<br>EA<br>EA             | Replacement pads for Clayton Vacuum Sanding System  | X         | X  |
| Hoses and Hose Fittings, Clayton Vacuum Sanding Systems   | P/N: 673-A0300W<br>P/N: 671-HSB1000W<br>P/N: 671-HSB2000W<br>P/N: 671-AVH1015W<br>P/N: 671-AVH1035W<br>P/N: 671-150Y<br>P/N: 631-001<br>P/N: 661-150CMB | 1HS0000-LL-CQA-8294<br>1HS0000-LL-CQA-8295<br>1HS0000-LL-CQA-8319<br>4720-01-519-7025<br>4720-01-519-7365<br>4730-01-519-5907<br>4730-01-520-7058<br>4730-01-519-5912 | EA<br>EA<br>EA<br>EA<br>EA<br>EA<br>EA<br>EA | Replacement hose for Clayton Vacuum Sanding System  | X         | X  |
| Filters, Clayton Vacuum Sanding Systems   | P/N: 600-115<br>P/N: 600-313A<br>P/N: 926-050   | 4310-01-519-5205<br>7910-01-520-6435<br>4310-01-520-8595  | PK (3)<br>PK (5)<br>EA                       | Replacement filters for Clayton Vacuum Sanding System   | X         | X  |
| Disposal Bags, Clayton Vacuum Sanding Systems   | P/N: 600-114DM  | 8105-01-521-2119  | PK (25)                                      | Replacement bags for Clayton Vacuum Sanding System  | X         | X  |
| Air Drill Motor with 1/4" Chuck (3200 rpm)  | OO-D-691  | 5130-00-294-9511  | EA   | Scuff sanding and corrosion removal.  | X         |    |
| Drill Chuck Key, 1/4"   | A-A-50966   | 3460-00-264-5577  | EA   | Securing or releasing drill bit. For use with above drill motor.  | X         |    |
| Sander, Pneumatic, Orbital Motion (6,000-9,000 rpm)   | A-A-2687 (supersedes OO-S-101)  | 5130-00-606-9694  | EA   | Scuff sanding and corrosion removal. Also used for finish sanding, feather edging, and blending of paint systems.   | X         |    |

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Table 3-3. Corrosion Removal Equipment (Cont.)

| Nomenclature   | Specifications/Part No.  | National Stock Number  | Unit of Issue  | Intended Use   | Usable On |    |
|--|--|--|--|--|-----------|----|
|  |  |  |  |  | AC        | AV |
| Sander, Random Orbital, 5" dia. sanding pad (12,000 rpm) | Model 57015<br>(Mfr: Dynabrade, Inc.)  | 5130-01-399-3588   | EA   | Scuff sanding and corrosion removal. Also used for blending, smoothing, and feathering edges. The sander's random orbital action prevents scratches and swirl marks. Available in three orbit diameters: 3/8" (10 mm) for aggressive sanding, 3/16" (5 mm) for general sanding, 3/32" (2.5 mm) for ultra-fine sanding.           | X         |    |
| Dry Honing Machine, Portable, Air-Operated               | P/N: 41303<br>(Mfr.: Vacu-Blast Corp.)   | 4940-00-872-1712   | EA   | A compact, self-contained, and light-weight unit used for the safe and convenient removal of corrosion products from aircraft and components.  | X         |    |
| Electrical Pump Kit for Honing Machine                   | P/N: 918708<br>(Mfr.: Vacu-Blast Corp.)  | 4940-00-948-3810   | EA   | The electric pump allows the Honing Machine to use low pressure/low volume air to operate instead of the low pressure/high volume air required to operate units equipped with the air ejector pump. For use with Portable Dry Honing Machine above.  | X         |    |
| Air Nozzle Gun   | A-A-55543<br>(supersedes GGG-G-770)  | 4940-00-223-8972   | EA   | Use to remove chips, dirt, and waste material from machines, work pieces, or benches.  | X         |    |
| Air Hose Assembly, General Purpose                       | ZZ-H-521<br>3/8" ID x 50'<br>ZZ-H-500<br>5/8" ID x 50'<br>3/4" ID x 50'  | 4720-00-289-3429<br>4720-00-278-4890<br>4720-00-278-4891   | FT<br>FT<br>FT   | Use for painting and vacu-blasting.  | X         |    |
| Coupling Half, Air Hose, Low Pressure, Quick Disconnect  | MIL-C-4109<br>Male quick disconnect<br>1/4" NPT/M<br>3/8" NPT/M<br>3/8" Hose Shank/M<br>1/2" NPT/M<br>1/2" Hose Shank/M<br>3/4" NPT/M<br>Female quick disconnect<br>1/4" NPT/F<br>3/8" NPT/F<br>3/8" Hose Shank/F<br>1/2" NPT/F<br>1/2" Hose Shank/F<br>3/4" NPT/F | 4730-00-494-3271<br>4730-00-293-7182<br>4730-00-277-5679<br>4730-00-293-7165<br>4730-00-905-9794<br>4730-00-293-7043<br>4730-01-177-0987<br>4730-00-203-0178<br>4730-00-494-3272<br>4730-00-293-7165<br>4730-00-701-0228<br>4730-00-442-5738 | EA<br>EA<br>EA<br>EA<br>EA<br>EA<br>EA<br>EA<br>EA<br>EA<br>EA<br>EA | Male quick disconnect half for use with pneumatic tools and paint spray guns.<br><br>Male quick disconnect half for use with portable dry honing machines.<br><br>Female quick disconnect half for use with pneumatic tools and paint spray guns.<br><br>Female quick disconnect half for use with portable dry honing machines. | X         |    |
| Hose Clamp   | A-A-52506<br>(supersedes WW-C-440)   | 4730-00-826-4268   | EA   | Metal hose clamps used for holding flexible ducts or hose on to a male fitting.  | X         |    |
| Hand Pad Holder  | 3M No. 952 (INSTA-LOK)   | Open Purchase  | EA   | Hand tool for holding abrasive pads. For use with Abrasive Mat, A-A-58054.   | X         |    |
| Disc Sander Pad  | 3M No. 051144-05576  | 5130-01-075-8137   | EA   | Back-up pad to run 6" dia. abrasive paper discs. Use with a dual motion sander. For use with Abrasive Paper Discs, A-A-2697.   | X         |    |

Table 3-3. Corrosion Removal Equipment (Cont.)

| Nomenclature  | Specifications/Part No.   | National Stock Number   | Unit of Issue | Intended Use  | Usable On |    |
|---|---|---|---------------|---|-----------|----|
|   |   |   |               |   | AC        | AV |
| Mandrel   | 3M No. 933, 1" washer<br>(2" length x 1/4" shank)   | 3460-01-044-2626  | EA            | For use with Finishing Flap Brush below. Use with 2" - 3" dia. discs.   | X         |    |
|   | 3M No. 934, 2 1/2" washer<br>(3 1/16" length x 1/4" shank)  | 3460-00-150-7164  | EA            | Use with 3"-6" dia. discs.  |           |    |
|   | 3M No. 935, Mini Mandrel<br>(2 7/8" length x 1/4" shank)  | 3460-00-150-7163  | EA            | Use with 1" x 1.5" pieces of abrasive material to fit into tight areas.   |           |    |
| Finishing Flap Brush, Aluminum Oxide, Non-woven, Maroon (6" D x 1/2" arbor hole)                          | 3M No. 5AFIN (fine grit)<br>3M No. 5AMED (med. grit)  | 5345-00-151-7936  | EA            | Removing mild corrosion and polishing surfaces. Also for mechanical removal and feathering of paint systems. ONLY for use with a bench motor. For use with Mandrel above.             | X         |    |
|   |   | 5345-00-157-9790  | EA            |   |           |    |
| Stackable Deburring Disc, High Strength, Aluminum Oxide, Non-woven Nylon, Maroon (6" D x 1/2" arbor hole) | 3M No. 048011-04188<br>(medium grit)<br>3M No. 048011-00665<br>(very fine grit)                             | Open Purchase   | EA            | Removing mild corrosion and polishing surfaces. Also for mechanical removal and feathering of paint systems. Use with a drill and 3M No. 934 Mandrel.                                 | X         |    |
|   |   | Open Purchase   | EA            |   |           |    |
| Disk Pad Holder, Hook and Loop  | 3M No. 9215<br>(1.5" dia. x 1/4" shank)<br><br>3M No. 923 (3" dia. x 1/4" shank)                            | Open Purchase   | EA            | Back-up pad to run surface conditioning discs. Use with a drill. For use with Surface Condition Discs.  | X         |    |
|   |   | 5345-01-342-5932  | EA            |   |           |    |
| Surface Condition Discs, Aluminum Oxide   | Very Fine grit (Blue)<br>3M No. 61-5000-1596-3 (1.5" dia.)<br>3M No. 61-5000-1598-9 (3" dia.)               | Open Purchase   | EA            | Corrosion removal and surface preparation. The discs have minimal metal/substrate removal. For use with Disc Pad Holder, Hook and Loop.   | X         |    |
|   |   | Open Purchase   | EA            |   |           |    |
|   | Open Purchase   | EA  |               |   |           |    |
|   | Open Purchase   | EA  |               |   |           |    |
| COMBI-S Wheel with Spindle Mount, Aluminum Oxide, Maroon (3" D x 1 3/4" W x 1/4" shank)                   | 120 grit<br>(3M No. 051144-80678)<br><br>180 grit<br>(3M No. 051144-80799)                                  | Open Purchase   | EA            | Combination of aluminum oxide coated abrasive and non-woven nylon material used for finishing, blending, and removing light to medium corrosion. Maximum operating speed is 8000 RPM. | X         |    |
|   |   | Open Purchase   | EA            |   |           |    |
| Flap Wheel, Abrasive, Aluminum Oxide  | MIL-W-81319, Type I<br>150 grit<br>(3" D x 3/4" W x 1/4" shank)<br>280 grit<br>(2" D x 1/2" W x 1/4" shank) | 5345-00-732-9989  | EA            | Removing medium to severe corrosion (e.g. intergranular, exfoliation) from thick materials. The wheels will remove metal/ substrate.  | X         |    |
|   |   | 5345-00-935-7869  | EA            |   |           |    |
|   | Open Purchase   | EA  |               |   |           |    |
|   |   | 320 grit<br>(3M No. 051144-96837)<br>(3" D x 1" W x 1/4" shank) | EA            |   |           |    |
| Abrasive Disk Kit for Composite Material Repair   |   | 5345-01-015-1419  | KT            | For use on composite and honeycomb materials ONLY. Comes with 3 disc holders and 150 discs of assorted grits in 1", 2", and 3" sizes (50 each).                                       | X         |    |
| Rotary File, Tungsten Carbide (Fine Fluted)   | A-A-51176<br>Cone shape<br><br>Cylindrical shape<br>1/4" dia. x 3/4" L<br>1/4" dia. x 1" L                  | 3455-00-293-3560  | EA            | Removing corrosion and underlying metal; attach to a pneumatic drill.<br><b>NOTE:</b> ONLY authorized for use at Depot level maintenance activities.                                  | X         |    |
|   |   | 3455-00-293-3559  | EA            |   |           |    |
|   |   | 3455-00-293-3561  | EA            |   |           |    |

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Table 3-3. Corrosion Removal Equipment (Cont.)

| Nomenclature   | Specifications/Part No.                                 | National Stock Number  | Unit of Issue | Intended Use  | Usable On |    |
|--|---|--|---------------|---|-----------|----|
|  |   |  |               |   | AC        | AV |
| Buffing Wheel with Roloc Holder  | 3M No. 051131-07498<br>(4" D x 5/8" W x 3/8" shank)     | 3460-01-447-8021   | BX (5)        | Use for removing adhesives, sealants, vinyl stripping tapes, decals, graphics, double-sided molding tapes, and leading edge tapes without removing/damaging the under-coatings. Use with an air drill motor. Recommended operating speed is 2500 RPM. NOTE: Do not use on acrylic lacquer paints, or polycarbonate and acrylic plastics (canopies and windscreens).             | X         |    |
| Optical Micrometer Kit   | P/N: 966A1  | 6650-00-831-5532   | EA            | Inspection of corrosion prone areas.  | X         |    |
| Depth Gage, Needle Point Dial Indicator                                | P/N: 6527281  | 5210-00-710-4359   | EA            | Precision measurement of corrosion damage with range of 0.0 to 0.125 inches.  | X         |    |
| Magnifying Glass, Folding Pocket Type (Circular shape)                 | GG-M-95, Type III, Class C<br>Double lens (5x, 20x)     | 6650-00-530-1880   | EA            | Detailed inspection of corrosion. Lenses pivot for single or combination use.   | X         | X  |
|  | Triple lens (5x, 7x, 10x)                               | 6650-00-098-6128   | EA            |   |           |    |
| Inspection Mirror, Spring Loaded, Plunger Actuated (Rectangular shape) | GGG-M-350, Type II, Class 3<br>Small (1.5" L x 1.25" W) | 5120-00-278-9926   | EA            | Aid for inspecting hard to see corrosion areas.   | X         | X  |
|  | Large (2.625" L x 1.750" W)                             | 5120-00-618-6902   | EA            |   |           |    |
| Marking Pencil, Non-corrosive (7")                                     | MIL-P-83953<br>Yellow<br>Red                            | 7510-00-537-6930   | DZ            | Identification of corroded areas.   | X         |    |
|  |   | 7510-00-537-6935   | DZ            |   |           |    |
| Plater's Hand Brush, Curved Handle Style                               | H-B-178 Type I Class 2                                  | 7920-00-244-7431   | EA            | Removing corrosion products, paint film, and application of cleaning solvents.  | X         |    |
| Hand Brush, Wooden Handle, Stainless Steel Fill                        | P/N: 15SS   | 7920-00-900-3577   | EA            | Removing corrosion products from aluminum.  | X         |    |
| Flashlight, Metal  | A-A-1382  | 6230-01-247-7549   | EA            | Use for corrosion inspection.   | X         | X  |
| Flashlight, Metal (Rechargeable)                                       | A-A-1382  | 6230-01-152-5952   | EA            | Use for corrosion inspection.   | X         | X  |
| Scissors   | GGG-S-278<br>Shears (9" )<br>Electricians' (5 1/4")     | 5110-00-161-6912   | EA            | Cutting tapes, cheesecloth, masking materials, and electrical wires   | X         | X  |
|  |   | 5110-01-336-5726   | EA            |   |           |    |
| Blast Cleaning Machines, Cabinet, Stationary                           | MIL-C-83756 Type I                                      | 4940-00-242-3631   | EA            | Provides a shielded enclosure for portable honer operation. Used for abrasive cleaning of rust and corrosion products from avionic equipment structures and housings:<br><b>CAUTION:</b> Do not use on static sensitive devices and microminiature components. Do not use same blast media for removal of corrosion products on ferrous metals and non-ferrous aluminum alloys. |           | X  |
| Ultraviolet Light  |   | 6635-00-611-5617<br>6635-00-952-9954<br>6635-01-075-5324<br>6635-01-133-5474<br>6635-01-150-1231<br>6635-01-234-7813<br>6635-01-504-4361 | EA            | For detecting solder flux on miniature and microminiature circuit boards.<br><b>WARNING:</b> Use with the filter provided in the kit. Ultraviolet light can be harmful to the eyes. Do not use a cracked, damaged, or undersized filter.  |           | X  |

Table 3-4. Painting Equipment

| Nomenclature   | Specifications/Part No.                            | National Stock Number | Unit of Issue                          | Intended Use   | Usable On |    |
|--|--|-----------------------|--|--|-----------|----|
|  |  |                       |  |  | AC        | AV |
| Paint Spray Gun, High-Volume/Low-Pressure (HVLP)                 | Binks Mach 1                                       | 4940-01-345-2132      | EA                                     | Paint gun only.  | X         |    |
|  | Binks Mach 1 Outfit 98-1141                        | 4940-01-445-9961      | EA                                     | Paint gun with 1 qt. cup and regulator.                            |           |    |
|  | DeVilbiss JGHV-531-46FF                            | 4940-01-315-8352      | EA                                     | Paint gun only.  |           |    |
|  | DeVilbiss JGA-510                                  | Open Purchase         | EA                                     | Paint gun only.  |           |    |
|  | DeVilbiss EXL-520P                                 | Open Purchase         | EA                                     | Paint gun only.  |           |    |
|  | DeVilbiss EXL-520S                                 | Open Purchase         | EA                                     | Paint gun only.  |           |    |
|  | DeVilbiss EXL-620G                                 | Open Purchase         | EA                                     | Paint gun only.  |           |    |
|  | AirVerter DT-3000 Detach III                       | 4940-01-457-1936      | EA                                     | Paint gun with 1 qt. cup.  |           |    |
| AirVerter AV-096/005   | 4940-01-439-7406                                   | EA                    | Paint gun with 1 qt. cup and inductor. |  |           |    |
| AirVerter GG-100   | 4940-01-481-0571                                   | EA                    | Gravity feed paint gun only.           |  |           |    |
| Repair Kit, HVLP Paint Spray Gun                                 | 54-3605 (Gun Repair Kit)                           | 4005-01-454-7667      | KT                                     | For Binks' Mach 1 paint gun.                                       | X         |    |
|  | KK-4987-2  | 4940-01-046-9919      | KT                                     | For DeVilbiss' JGHV paint gun.                                     |           |    |
|  | DT-3225 (Bench Parts Kit)                          | 4940-01-502-1951      | KT                                     | For AirVerter's DT-3000 paint gun.                                 |           |    |
|  | DT-3227 (Hi-Wear Kit)                              | 4940-01-502-1947      | KT                                     | For AirVerter's DT-3000 paint gun.                                 |           |    |
|  | AV-9625 (Bench Parts Kit)                          | 4940-01-439-7963      | KT                                     | For AirVerter's AV-096 paint gun.                                  |           |    |
|  | AV-9627 (Hi-Wear Kit)                              | 4940-01-439-7956      | KT                                     | For AirVerter's AV-096 paint gun.                                  |           |    |
|  | GG-125 (Hi-Wear Kit)                               | 4940-01-489-5485      | KT                                     | For AirVerter's GG-100 paint gun.                                  |           |    |
| Touchup Paint Spray Gun, Suction/Pressure Feed, HVLP             | Binks Mach 1 Cub                                   | Open Purchase         | EA                                     | Touchup gun only.  | X         |    |
|  | DeVilbiss EGHV-605                                 | 4940-01-346-2236      | EA                                     | Touchup gun (EGHV-531-397E) with 8 oz. poly cup (TGS-503).         |           |    |
|  | AirVerter PT-100AC ProTouch                        | 4940-01-467-7160      | EA                                     | Detail gun with 8 oz. cup and air control.                         |           |    |
| Touchup Paint Spray Gun, Gravity Feed, HVLP                      | Binks M1-G   | 4940-01-432-9513      | EA                                     | Touchup gun only.  | X         |    |
|  | DeVilbiss TGHV-635                                 | Open Purchase         | EA                                     | Touchup gun with 8 oz. aluminum cup.                               |           |    |
|  | DeVilbiss SRI-628-1.2                              | Open Purchase         | EA                                     | Touchup gun only.  |           |    |
|  | AirVerter CT-100 Stencil Pro                       | 4940-01-439-7460      | EA                                     | Mini detail gun with 4 oz. poly cup.                               |           |    |
| Repair Kit, HVLP Touchup Paint Spray Gun                         | 54-4367 (Gun Repair Kit)                           | Open Purchase         | KT                                     | For Binks' M1-G paint gun.   | X         |    |
|  | KK-5044  | 4940-01-182-6975      | KT                                     | For DeVilbiss' EGHV-531 paint gun.                                 |           |    |
|  | SRI-426  | Open Purchase         | KT                                     | For DeVilbiss' SRI-628.  |           |    |
|  | PT-225 (Bench Parts Kit)                           | 4940-01-502-3920      | KT                                     | For AirVerter's PT-100AC paint gun.                                |           |    |
|  | PT-227 (Hi-Wear Kit)                               | 4940-01-502-3940      | KT                                     | For AirVerter's PT-100AC paint gun.                                |           |    |
|  | CT-11 ((Hi-Wear Kit)                               | 4940-01-439-7966      | KT                                     | For AirVerter's CT-100 paint gun.                                  |           |    |
| Replacement Cups for HVLP Spray and Touchup Guns                 | DeVilbiss TGS-503                                  | 4940-00-222-2675      | EA                                     | Poly suction feed cup.   | X         |    |
|  | DeVilbiss TLC-576                                  | 4940-00-190-5164      | EA                                     | Aluminum pressure feed cup.  |           |    |
|  | DeVilbiss KB-555                                   | 4940-01-106-1415      | EA                                     | Aluminum pressure feed remote cup.                                 |           |    |
|  | AirVerter PT-24                                    | 4940-01-395-8844      | EA                                     | Poly pressure feed cup assembly.                                   |           |    |
| Nozzles for HVLP Spray and Touchup Guns (for use with AirVerter) | MF-3100-6 (DT-3000 paint gun with 6" flexible end) | 4940-01-457-3497      | EA                                     | Spraying hard to reach areas. Comes in fan or round spray pattern. | X         |    |



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Table 3-4. Painting Equipment (Cont.)

| Nomenclature   | Specifications/Part No.  | National Stock Number                | Unit of Issue | Intended Use   | Usable On |    |
|--|--|--------------------------------------|---------------|--|-----------|----|
|  |  |                                      |               |  | AC        | AV |
| Hose Set and Assemblies for HVLP Pressure Feed Spray and Touchup Guns (all hose assemblies come with fittings) | KB-4004, 4' hose (air and fluid set)   | Open Purchase                        | SE            | For remote cup usage.  | X         |    |
|  | KB-4006, 6' hose (air and fluid set)   | Open Purchase                        | SE            | For remote cup usage.  |           |    |
|  | AV-014-25, 3/8" I.D. x 25' (air hose assembly)   | 4720-01-457-4177                     | EA            | Supply compressed air to the paint gun.  |           |    |
|  | AV-016-25, 3/8" I.D. x 25' (fluid hose assembly)   | 4720-01-457-4186                     | EA            | For remote pressure tank usage.  |           |    |
|  | AV-014-50, 3/8" I.D. x 50' (air hose assembly)   | 4720-01-457-4173                     | EA            | Supply compressed air to the paint gun.  |           |    |
|  | AV-016-50, 3/8" I.D. x 50' (fluid hose assembly)   | 4720-01-457-4187                     | EA            | For remote pressure tank usage.  |           |    |
|  |  |                                      |               |  |           |    |
| Metering Valve for HVLP Pressure Feed Spray Guns   | HAV-500G   | 4820-00-410-8609                     | EA            | Air pressure valve/regulator for both DeVilbiss and AirVerter paint spray and touchup guns.  | X         |    |
| Compressed Air Separator (air regulator assembly)  | MIL-S-12928  |                                      |               |  | X         | X  |
|  | Class 1 (1 regulator, 2 outlets)<br>Class 2 (2 regulators, 4 outlets)                        | 4940-00-242-4100<br>4940-00-242-4101 | EA<br>EA      | Wall-mounted separators designed to remove oil, water, and foreign particles from compressed air and to regulate the delivery pressure of air used for spraying paint and pneumatic tools. |           |    |
| Paint Brush, Flat, Metal Bound, Synthetic Fiber  | H-B-420 Type II<br>1" wide<br>2" wide  | 8020-00-263-3866                     | EA            | Paint touchup.   | X         | X  |
|  |  | 8020-00-550-8359                     | EA            |  |           |    |
| Artist Brush (3/8")  | H-B-118  | 8020-00-597-4767                     | EA            | Used for applying lacquer.   | X         | X  |
| Artist Airbrush Kit (3 fl. oz.)  | A-A-1533   | 7520-00-939-6179                     | EA            | Spraying applicator for paints, preservatives, and other touch up materials.   | X         | X  |
| Color Fandek   | FED-STD-595  | 7690-01-162-2210                     | EA            | A collection of standard colors used by the federal government to identify paints and coatings.  | X         | X  |
| Stencil Marking Set, Gothic Style (made of Brass)  | A-A-130 (supersedes RR-S-714)<br>1/2" size marking<br>1"<br>1 1/2"<br>2"<br>3"<br>4"<br>5"   | 7520-00-205-1760                     | SE            | Reusable aircraft marking. Each set includes 1 ampersand, 1 apostrophe, 1 comma, 3 end pieces, 1 period, 2 spacers, 1 set of letters A thru Z, and 1 set of numerals "0" thru "9".         | X         | X  |
|  |  | 7520-00-298-7043                     | SE            |  |           |    |
|  |  | 7520-00-272-9680                     | SE            |  |           |    |
|  |  | 7520-00-298-7044                     | SE            |  |           |    |
|  |  | 7520-00-272-9683                     | SE            |  |           |    |
|  |  | 7520-00-269-9012                     | SE            |  |           |    |
|  |  | 7520-00-272-9684                     | SE            |  |           |    |
| Stencilboard (100 sheets)  | A-A-1733<br>(36" L x 24" W x 0.0165" thick)  | 9310-00-160-7858                     | PG            | Preparation of stencils for painting.  | X         | X  |
| Roller Kit, Paint  | A-A-2851 Type VI<br>7" long, polyester cover, 3/8" nap<br>9" long, polyester cover, 3/8" nap | 8020-00-597-4759                     | KT            | Touch-up painting of aircraft and avionics housing surfaces.   | X         | X  |
|  |  | 8020-00-689-5379                     | KT            |  |           |    |
| Roller Cover   | A-A-2851 Type II<br>7" long, acrylic, 3/8" nap<br>9" long, acrylic, 3/8" nap                 | 8020-00-682-6489                     | EA            | Replacement cover for roller handle.   | X         | X  |
|  |  | 8020-00-682-6491                     | EA            |  |           |    |

Table 3-4. Painting Equipment (Cont.)

| Nomenclature   | Specifications/Part No.   | National Stock Number                | Unit of Issue             | Intended Use  | Usable On |    |
|--|---|--------------------------------------|---------------------------|---|-----------|----|
|  |   |                                      |                           |   | AC        | AV |
| Paint Mixer, Revolving Shaft and Agitator Type (electric motor driven) | A-A-59433<br>(supersedes MIL-M-3070)<br>Type I - Revolving Shaft Mixer<br>Class 1 - 1/2 hp (115V) | 4940-00-221-1707                     | EA                        | Blends paints or oils by agitation.   | X         | X  |
|  | Type II - Agitator Type Mixer<br>1/4 hp (115V)  | 4940-00-243-2735                     | EA                        | 1/4 pint to 1 gallon mixer.   |           |    |
|  | 1/3 hp (110V)   | 4940-00-243-2736                     | EA                        | 1 to 5 gallon mixer.  |           |    |
|  | 1/3 hp (115V)   | 4940-00-251-6475                     | EA                        | 1 to 5 gallon mixer.  |           |    |
|  | 1/3 hp (220V)   | 4940-00-254-8666                     | EA                        | 1 to 5 gallon mixer.  |           |    |
| Spray Unit, Self Pressurized   | MIL-S-22805<br>Model 8011 Power Pak   | 4940-00-803-6444                     | KT                        | Use for applying paints, degreasing compounds, preservatives, and other touchup materials.  | X         |    |
| Paint Gun Washers<br>(5 gal. capacity)                                 | P/N: IT-200 (Mfr: Inland Technology)  | 4250-01-466-6473                     | EA                        | Automated, closed loop cleaning of paint guns and other painting equipment. Use only EP-921 and EP-1088 cleaning solvents with the IT-200 Washer. Ordering information for EP-921 is in Table 2-17. | X         |    |
|  | P/N: A2014 Resin Pre-Filter<br>(size: 10 Micron)  | 4250-01-381-8036                     | BX (12)                   | Replacement solvent pre-filter in the black filter housing of IT-200 Washer.  |           |    |
|  | P/N: A2004 Filter Element<br>(size: 0.5 Micron)   | 4250-01-381-8024<br>4250-01-455-6903 | BX (12)<br>BX (144)       | Replacement polishing filter in the silver filter housing of IT-200 Washer.   |           |    |
|  | P/N: UG6500USN<br>(Mfr: UNI-RAM Corp.)  | 4940-21-921-1555                     | EA                        |   | X         |    |
|  | P/N: UFS30-USN  | 4940-21-921-1762                     | EA                        | Filtration system.  |           |    |
|  | P/N: 100-381N   | Open Purchase                        | PG (3)                    | Replacement filter pad.   |           |    |
|  | P/N: 120-350  | 5340-21-921-1870                     | PG (3)                    | Trigger holding clamp assembly.   |           |    |
|  | P/N: 100-413F   | Open Purchase                        | KT                        | Paint cup holder.   |           |    |
|  | P/N: UG-45V (Mfr: AirVerter)  | 4940-01-467-7169                     | EA                        |   | X         |    |
|  | P/N: UG-380 Filter Pad  | 4130-01-489-5982                     | PG (10)                   | Replacement filter pad for UG-45V gun washer.   |           |    |
|  | P/N: UG-413K  | Open Purchase                        | KT                        | Paint cup holder.   |           |    |
|  | P/N: Pro-Wash Model 117438<br>(Mfr: Graco Inc.)   | Open Purchase                        | EA                        | Model 117438 replaces Model 112636.   | X         |    |
|  | P/N: 236905   | Open Purchase                        | KT                        | Paint gun washer kit.   |           |    |
| P/N: 236905  | Open Purchase   | KT                                   | Pot/Paint can washer kit. |   |           |    |
| Gun Wrench   | WR-103  | 5120-00-422-8932                     | EA                        | For adjusting DeVilbiss spray guns.   | X         |    |
| Viscosity Cups<br>(Stainless steel)                                    | ANSI/NCSS Z540-1<br>Zahn S90 #2 (P/N: VI-2102)<br>No. 2 EZ Cup (P/N: VI-EZ2)                      | 6630-01-341-4571                     | EA                        | Adjusting viscosity of paints and sealants before applying.   | X         |    |
|  |   | 6630-01-412-4906                     | EA                        |   |           |    |
| Wet Film Thickness Gauge,<br>Paint (Comb type)                         | P/N: WF-CCD<br>(Mfr.: Paul N. Gardner)  | Open Purchase                        | EA                        | Measuring thickness of wet coatings.  | X         |    |
| Psychrometer   | A-A-2579<br>Pocket Sling<br>Psychro-Dyne  | 6685-00-826-1662                     | EA                        | Measurement of relative humidity.<br>Measurement of humidity and dew point.   | X         |    |
|  |   | 6685-01-263-8370                     | EA                        |   |           |    |

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Table 3-4. Painting Equipment (Cont.)

| Nomenclature   | Specifications/Part No.                         | National Stock Number | Unit of Issue | Intended Use  | Usable On |    |
|--|---|-----------------------|---------------|---|-----------|----|
|  |   |                       |               |   | AC        | AV |
| Strainers, Paint Spray Gun                                       | Disposable Strainer<br>Medium mesh (6" in dia.) | 5120-00-541-2028      | PG(250)       | Straining paint prior to spraying.  | X         |    |
|  | Gun Mounted Strainer<br>P/N: VS-531             | 4940-00-497-0452      | EA            |   |           |    |
|  | In-Line Strainer<br>P/N: VS-534                 | Open Purchase         | EA            |   |           |    |
| Paint Sprayer's Sock, One size fits all (cotton)                 | P/N: SS-6 Knit Sock<br>(Mfr.: Reaves and Co.)   | 8020-01-348-1315      | PG(12)        | Protects head and neck from paint overspray.  | X         |    |
| Paint Sprayer's Hood, Disposable plastic (Blue)                  |   | 4210-01-031-1094      | BX (100)      | Protects head and neck from paint overspray.  | X         |    |
| PreVal Aerosol Sprayer   |   | 8020-01-496-2473      | EA            | Power unit only. Use for touch-up of small, spot paint system repairs. Ordering info. for 2 oz. paint bottles for use with the PreVal sprayer can be found in Tables 2-13 and 2-14. | X         | X  |
| Lids and Liners, Disposable, 3M Paint Preparation System (PPS)   | P/N: 16114 (Mini)                               | 4940-01-525-1234      | CS (50)       | For 6 OZ (150 ml).<br>For 20 OZ (650 ml).<br>For 28 OZ (850 ml).  | X         |    |
|  | P/N: 16000 (Standard)                           | 4940-01-525-1228      | CS (50)       |   |           |    |
|  | P/N: 16024 (Large)                              | 4940-01-525-1251      | CS (25)       |   |           |    |
| Mixing Cups and Collars, Hard, 3M Paint Preparation System (PPS) | P/N: 16115 (Mini)                               | 4940-01-526-2391      | CS (8)        | For 6 OZ (150 ml).<br>For 20 OZ (650 ml).<br>For 28 OZ (850 ml).  | X         |    |
|  | P/N: 16001 (Standard)                           | 4940-01-526-2377      | CS (8)        |   |           |    |
|  | P/N: 16023 (Large)                              | 4940-01-526-2383      | CS (4)        |   |           |    |
| Mylar Film Inserts, 3M Paint Preparation System (PPS)            | P/N: 16066 (Mini)                               | 4940-01-526-3044      | CS (50)       | For 6 OZ (150 ml).<br>For 20 OZ (650 ml).<br>For 28 OZ (850 ml).  | X         |    |
|  | P/N: 16065 (Standard)                           | 4940-01-526-3024      | CS (100)      |   |           |    |
|  | P/N: 16091 (Large)                              | 4940-01-526-3033      | CS (100)      |   |           |    |
| Lid Dispenser, 3M Paint Preparation System (PPS)                 | P/N: 16099                                      | Open Purchase         | CS            | For use with large and medium lids.   | X         |    |
| Liner Dispenser, 3M Paint Preparation System (PPS)               | P/N: 16019                                      | Open Purchase         | CS            | For use with large and medium liners.   | X         |    |
| Paint Gun Hanger, 3M Paint Preparation System (PPS)              | P/N: 16011                                      | Open Purchase         | CS (5)        |   | X         |    |
| Squeeze Bottle, 3M Paint Preparation System (PPS)                | P/N: 37720                                      | Open Purchase         | CS (24)       | Use for cleaning 3M PPS.  | X         |    |
| Carrier, 3M Paint Preparation System (PPS)                       | P/N: 16010                                      | Open Purchase         | CS            |   | X         |    |

Table 3-4. Painting Equipment (Cont.)

| Nomenclature  | Specifications/Part No.  | National Stock Number | Unit of Issue | Intended Use  | Usable On |    |
|---|--------------------------|-----------------------|---------------|---|-----------|----|
|   |                          |                       |               |   | AC        | AV |
| Paint Gun Adapters, 3M Paint Preparation System (PPS) | P/N: 16003 (#2 Adapter)  | 4730-01-526-2543      | CS (4)        | AirVerter GG-100  | X         |    |
|   | P/N: 16005 (#4 Adapter)  | 4730-01-526-2547      | CS (4)        | DeVilbiss Finishline (FLG-513, FLG-626, FLG-635)                  |           |    |
|   | P/N: 16006 (#5 Adapter)  | 4730-01-526-2556      | CS (4)        |   |           |    |
|   | P/N: 16007 (#6 Adapter)  | 4730-01-526-2779      | CS (4)        |   |           |    |
|   | P/N: 16008 (#7 Adapter)  | 4730-01-526-2785      | CS (4)        |   |           |    |
|   | P/N: 16015 (#8 Adapter)  | 4730-01-526-2791      | CS (4)        |   |           |    |
|   | P/N: 16016 (#9 Adapter)  | 4730-01-526-2800      | CS (4)        |   |           |    |
|   | P/N: 16017 (#10 Adapter) | 4730-01-526-2807      | CS (4)        |   |           |    |
|   | P/N: 16018 (#11 Adapter) | 4730-01-526-2813      | CS (4)        |   |           |    |
|   | P/N: 16022 (#12 Adapter) | 4730-01-526-2825      | CS (4)        |   |           |    |
|   | P/N: 16053 (#14 Adapter) | 4730-01-526-2830      | CS (4)        | Binks Mach 1 Cub SLG, DeVilbiss SRI-628                           |           |    |
|   | P/N: 16046 (#15 Adapter) | 4730-01-526-2989      | CS (4)        | Binks M1-G  |           |    |
|   | P/N: 16111 (#17 Adapter) | 4730-01-526-2845      | CS (4)        |   |           |    |
|   | P/N: 16054 (#18 Adapter) | 4730-01-526-2851      | CS (4)        | Binks Mach 1, DeVilbiss JGHV-531, AirVerter DT-3000 Detach III    |           |    |
|   | P/N: 16103 (#19 Adapter) | 4730-01-526-2996      | CS (4)        |   |           |    |
|   | P/N: 16104 (#20 Adapter) | 4730-01-526-2895      | CS (4)        |   |           |    |
|   | P/N: 16105 (#21 Adapter) | 4730-01-526-2969      | CS (4)        | AirVerter CT-100 Stencil Pro                                      |           |    |
|   | P/N: 16106 (#22 Adapter) | 4940-01-528-2398      | CS (4)        |   |           |    |
|   | P/N: 16109 (#23 Adapter) | 4730-01-526-2982      | CS (4)        | DeVilbiss EGHV-531, Binks Mach 1 Cub, AirVerter PT-100AC ProTouch |           |    |
|   | P/N: 16110 (#24 Adapter) | 4730-01-526-2976      | CS (4)        | DeVilbiss TGHV-635  |           |    |
|   | P/N: 16116 (#25 Adapter) | 4730-01-526-2537      | CS (4)        |   |           |    |

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**Table 3-5. Safety Equipment**  
(see Figures 3-1 through 3-4 at the end of this chapter for illustrations of some items in this section).

**NOTE**

Consult local Safety Office for Personal Protective Equipment (PPE) requirements. The local Safety Office has authority to substitute equivalent safety accessories when appropriate.

| Nomenclature   | Specifications/Part No.  | National Stock Number                                    | Unit of Issue                 | Intended Use   | Usable On |    |
|--|--|--|-------------------------------|--|-----------|----|
|  |  |  |                               |  | AC        | AV |
| Particulate Respirator (Mask), Disposable                        | 3M No. 8511  | 4240-01-247-2348   | BX (80)                       | Protection from inhalation of particulates during light sanding and grinding operations.   | X         | X  |
| Full Facepiece Respirator, Air Filtering (w/o cartridges)        | 3M No. 7800S (Small)<br>3M No. 7800S (Medium)<br>3M No. 7800S (Large)  | 4240-01-314-2780<br>4240-01-342-5239<br>4240-01-301-3200 | EA<br>EA<br>EA                | Personnel protection from organic vapors, dust, and paint sprays in nonconfined areas during spraying operations.  | X         | X  |
| Full Facepiece Respirator, Air Filtering (w/o cartridges)        | 3M No. 6700 (Small)<br>3M No. 6800 (Medium)<br>3M No. 6900 (Large)     | 4240-01-454-8531<br>4240-01-454-8535<br>4240-01-454-8538 | BX (4)<br>BX (4)<br>BX (4)    | Personnel protection from organic vapors, dust, and paint sprays in nonconfined areas during spraying operations.  | X         | X  |
| Half Facepiece Respirator, Air Filtering (w/o cartridges)        | 3M No. 7501 (Small)<br>3M No. 7502 (Medium)<br>3M No. 7503 (Large)     | 4240-01-495-1294<br>4240-01-495-1293<br>4240-01-495-1291 | BX (10)<br>BX (10)<br>BX (10) | Personnel protection from organic vapors, dust, and paint sprays in nonconfined areas during spraying operations.  | X         | X  |
| Filter Cartridges, P100 Organic Vapor                            | 3M No. 60921   | 4240-01-455-7353   | BX (60)                       | For use with 3M's half and full facepiece respirators.   | X         | X  |
| Respirator Lens for 3M Full Facepiece Respirators (plastic film) | 3M No. 7884<br><br>3M No. 6898   | 4240-01-247-8929<br><br>Open Purchase                    | BX (5)<br><br>BX (5)          | Replacement lens for the 7800S series respirators.<br>Replacement lens for the 6000 series respirators.  | X         | X  |
| Lens Covers, Peel-away for 3M Full Face Respirators              | 3M No. 7899-25<br>3M No. 7899-100<br>3M No. 6885-100                   | 4240-01-248-4634<br>4240-01-248-6435<br>4240-01-455-2787 | BX (25)<br>BX(100)<br>BX(100) | For 7800S series respirators.<br>For 7800S series respirators.<br>For 6800 series respirators.   | X         | X  |
| Inhalation Valve for 3M Facepiece Respirators                    | 3M No. 7282<br>3M No. 6894<br>3M No. 7582                              | 4240-01-248-2607<br>4240-01-455-2811<br>4246-01-495-1303 | BX(200)<br>BX(200)<br>BX(10)  | For 7800S series respirators.<br>For 6800 series respirators.<br>For 7500 series respirators.  | X         | X  |
| Exhalation Valve for 3M Facepiece Respirators                    | 3M No. 7283<br>3M No. 6889<br>3M No. 7583                              | 4240-01-248-2608<br>4240-01-455-2809<br>4246-01-495-1305 | BX (50)<br>BX (10)<br>BX (10) | For 7800S series respirators.<br>For 6800 series respirators.<br>For 7500 series respirators.  | X         | X  |
| Tyvek Shroud for 3M Full Facepiece Respirators                   | 3M No. 7915-5  | 4240-01-320-1957   | PG (5)                        | Protects head and neck from paint overspray.   | X         | X  |
| Spectacle Kit for 3M Full Facepiece Respirators                  | 3M No. 6878<br><br>3M No. 7925   | 4240-01-455-2346<br><br>4240-01-395-4128                 | EA<br><br>EA                  | Consists of frame and retainer clip. Use on 6000 Series Facepiece.<br>For use with prescription lenses. Use on 7800S Series Facepiece.   | X         | X  |
| Head Harness Assembly, Facepiece Respirators                     | 3M No. 7581<br>3M No. 78935<br>3M No. 6897                             | 4240-01-496-4143<br>Open Purchase<br>Open Purchase       | BX (20)<br>BX (2)<br>BX (5)   | Replacement for 7500 series respirators.<br>Replacement for 7800 series respirators.<br>Replacement for 6800 series respirators.   | X         | X  |
| Respirator Cleaning Wipes (alcohol-free towelettes)              | 3M No. 504   | Open Purchase  | BX (500)                      | Hygienic cleaning of respirators and other personal protective gear/equipment.   | X         | X  |
| Air Breathing Pump, Pneumatic Driven, Portable                   | NF-1100 (supersedes NF15-3) (Mfr.: RhineAir)<br>ADP-16 (Mfr.: Bullard) | 4240-01-363-4699<br><br>4310-01-168-7302                 | EA<br><br>EA                  | Supply air to hoods and facepiece respirators.<br><br><b>NOTE</b><br>Use MIL-PRF-32033 or 10 wt. oil equivalent (MIL-PRF-17672) to fill in-line oiler of air motor after each use, as required, to maintain lubrication and prevent motor oxidation. | X         | X  |

Table 3-5. Safety Equipment (Cont.)

| Nomenclature   | Specifications/Part No.   | National Stock Number  | Unit of Issue                            | Intended Use   | Usable On |    |
|--|---|--|--|--|-----------|----|
|  |   |  |  |  | AC        | AV |
| Replacement Filter Cartridges for Breathing Pumps                            | CF8080 (Mfr.: RhineAir)   | 4240-01-084-0921   | BX (10)                                  | For use with RhineAir's NF-1100 and NF15-3 pumps.  | X         | X  |
| Inlet Compressed Air Hose Assembly, 1/2" ID Hose w/ 3/8" ID Orifice Fittings | ED1313B-50 (50 ft.)<br>ED1313B-100 (100 ft.)  | 4240-01-251-8159<br>4240-01-251-8160   | EA<br>EA                                 | Only use for supplying compressed air to air motor on breathing unit. These inlet hose assemblies can be used with both RhineAir and Bullard units.  | X         | X  |
| Replacement Inlet Hose, Quick Disconnect Fittings                            | 3L25 (Male Plug)<br>3R25 (Female Coupler)   | 4730-01-442-1809<br>4730-01-442-1808   | EA<br>EA                                 | Replacement fittings for the ED1313B inlet air hose assembly.  | X         | X  |
| Outlet Manifold, Quick Disconnect (Female Coupler Assembly)                  | ED-06-430 (Mfr.: RhineAir)  | Open Purchase  | EA                                       | Connects respirator air hose assembly to breathing pump. Can be used with both Rhine-Air and Bullard units.  | X         | X  |
| Glove, Cotton (Natural)  | A-A-1665<br>Large   | 8415-00-268-8330   | PR                                       | General purpose protective wear for hands.   | X         |    |
| Gloves, Cloth, Vinyl Dipped, Chemical and Oil Protective (Black)             | A-A-50370<br>(supersedes MIL-G-82253)<br>Medium<br>Large<br>Universal (one size)                                | 8415-00-916-2817<br>8415-00-916-2818<br>8415-00-935-2833   | PR<br>PR<br>PR                           | General purpose protective wear for hands. Rubberized for better grip.   | X         | X  |
| Gloves, Rubber, Industrial (Black)   | MIL-G-12223<br>X-Small (Size 8)<br>Small (Size 9)<br>Medium (Size 10)<br>Large (Size 11)<br>X-Large (Size 12)   | 8415-00-753-6550<br>8415-00-753-6551<br>8415-00-753-6552<br>8415-00-753-6553<br>8415-00-753-6554                     | PR<br>PR<br>PR<br>PR<br>PR               | Heavy duty protective wear for hands while handling solvents, chemical paint removers, paints, sealants, or other materials which may be injurious to the skin. Gloves are not designed for electrical or chemical warfare activities. | X         | X  |
| Gloves, Chemical and Oil Protective, Abrasion Resistant (Green)              | MIL-G-87066<br>X-Small (Size 7)<br>Small (Size 8)<br>Medium (Size 9)<br>Large (Size 10)<br>X-Large (Size 11)    | 8415-01-147-6263<br>8415-01-147-9540<br>8415-01-012-9294<br>8415-01-013-7382<br>8415-01-013-7384                     | PR<br>PR<br>PR<br>PR<br>PR               | Protective wear for hands during aircraft detergent wash operations.   | X         | X  |
| Gloves, Disposable, Nitrile Rubber, Pre-Powdered, Ambidextrous (Light blue)  | P/N: 7005<br>Small<br>Medium<br>Large<br>X-Large  | 8415-01-352-6556<br>8415-01-352-6553<br>8415-01-352-6554<br>8415-01-352-6555   | BX (20)<br>BX (20)<br>BX (20)<br>BX (20) | General purpose protective wear for hands.   | X         | X  |
| Gloves, Disposable, Latex Rubber, Pre-Powdered, Ambidextrous (Natural)       | A-A-53513<br>(supersedes MIL-G-36592)<br>Small<br>Medium<br>Large   | 6515-01-365-6183<br>6515-01-364-8553<br>6515-01-364-8554   | PG (100)<br>PG (100)<br>PG (100)         | General purpose protective wear for hands.   | X         | X  |
| Coveralls, Cotton, Hook-Pile Fastener Tape (Green)                           | MIL-C-2202<br>Small (Size 42)<br>Medium (Size 46)<br>Large (Size 50)<br>X-Large (Size 54)<br>XX-Large (Size 58) | 8405-00-131-6507<br>8405-00-131-6508<br>8405-00-131-6509<br>8405-00-131-6510<br>8405-00-131-6511                     | EA<br>EA<br>EA<br>EA<br>EA               | Protective clothing for corrosion maintenance personnel.   | X         | X  |
| Coveralls, One-piece, Disposable, Fire Resistant and Water Repellent (White) | A-A-50358<br>X-Small<br>Small<br>Medium<br>Large<br>X-Large<br>XX-Large   | 8415-00-601-0792<br>8415-00-601-0793<br>8415-00-601-0794<br>8415-00-601-0797<br>8415-00-601-0801<br>8415-00-601-0802 | EA<br>EA<br>EA<br>EA<br>EA<br>EA         | Protective clothing for corrosion maintenance personnel to protect against dirt, grease, paint, and low-hazard contaminants.   | X         | X  |

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Table 3-5. Safety Equipment (Cont.)

| Nomenclature   | Specifications/Part No.  | National Stock Number  | Unit of Issue                                      | Intended Use   | Usable On |    |
|--|--|--|--|--|-----------|----|
|  |  |  |  |  | AC        | AV |
| Coveralls with Hood and Bootees, Disposable, "Bunny Suit" (White)    | A-A-55196 Type I (supersedes MIL-C-87069)<br>Small/Medium<br>Large/X-Large<br>XX-Large   | 8415-01-445-6565<br>8415-01-445-6568<br>8415-01-445-6588   | EA<br>EA<br>EA                                     | Protective clothing for corrosion maintenance personnel.   | X         | X  |
| Overalls, Wet Weather (Green)  | MIL-O-22776<br>Small<br>Medium<br>Large<br>X-Large   | 8405-00-985-7327<br>8405-00-985-7328<br>8405-00-985-7329<br>8405-00-985-7330   | PR<br>PR<br>PR<br>PR                               | Protective clothing for aircraft maintenance operations.   | X         |    |
| Parka, Wet Weather (Green)   | MIL-P-82277<br>X-Small<br>Small<br>Medium<br>Large<br>X-Large  | 8405-00-924-7935<br>8405-00-924-7936<br>8405-00-924-7937<br>8405-00-924-7938<br>8405-00-924-7939   | EA<br>EA<br>EA<br>EA<br>EA                         | Protective clothing for aircraft maintenance operations.   | X         |    |
| Jacket, Extreme Cold Weather (Green)                                 | MIL-J-82299<br>Small<br>Medium<br>Large<br>X-Large<br>XX-Large   | 8415-00-349-9313<br>8415-00-349-9314<br>8415-00-349-9315<br>8415-00-349-9316<br>8415-00-349-9317   | EA<br>EA<br>EA<br>EA<br>EA                         | Protective outerwear for aircraft maintenance operations.  | X         |    |
| Trousers, Extreme Cold Weather                                       | MIL-T-21705<br>Small (Size 27 to 30)<br>Medium (Size 31 to 34)<br>Large (Size 35 to 38)<br>X-Large (Size 39 to 42)<br>XX-Large (Size 43 to 46) | 8415-00-575-1225<br>8415-00-575-1230<br>8415-00-575-1240<br>8415-00-575-1246<br>8415-00-575-1247   | EA<br>EA<br>EA<br>EA<br>EA                         | Protective outerwear for aircraft maintenance operations.  | X         |    |
| Knee Pads, Strap-on, Industrial, Plastic                             |  | 4240-00-595-3861   | PR   | Protection of knees with two adjustable web straps with buckles.   | X         |    |
| Firemen's Boots, Knee Length (Black)                                 | A-A-50371<br>Size 7<br>Size 8<br>Size 9<br>Size 10<br>Size 11<br>Size 12<br>Size 13<br>Size 14<br>Size 15                                      | 8430-00-753-5937<br>8430-00-753-5938<br>8430-00-753-5939<br>8430-00-753-5940<br>8430-00-753-5941<br>8430-00-753-5942<br>8430-00-753-5943<br>8430-00-753-5944<br>8430-00-753-5945 | PR<br>PR<br>PR<br>PR<br>PR<br>PR<br>PR<br>PR<br>PR | Protective outerwear for aircraft maintenance operations.  | X         |    |
| Footwear Covers for Aircraft Washdown                                | Medium<br>Large<br>X-Large   | 8430-00-911-2458<br>8430-00-911-2459<br>8430-00-911-3771   | PR<br>PR<br>PR                                     | Eliminates boot marks from aircraft surfaces painted with tactical scheme; increases traction.   | X         |    |
| Apron, Utility, Full Length, Rubber, Acid Resistant (Black in color) | A-A-3104 (supersedes ZZ-A-605) (45" L x 35" W)   | 8415-00-634-5023   | EA   | Protective clothing against chemical splashes for corrosion maintenance personnel.   | X         |    |
| Face Shield, Industrial, Adjustable                                  | A-A-1770 (supersedes L-F-36) Plastic (9" x 18" window)   | 4240-00-542-2048   | EA   | Protection of eye and face when cutting, grinding, or chipping metal or when handling hazardous chemicals. NOTE: Face shield is not for primary protection and should always be used with goggles. | X         | X  |
| Goggles, Plastic, Safety-type (adjustable headband)                  | A-A-1110   | 4240-00-052-3776   | PR   | Eye protection. Can be worn over eyeglasses. Goggles are ventilated to reduce fogging.   | X         | X  |

Table 3-5. Safety Equipment (Cont.)

| Nomenclature   | Specifications/Part No.                                   | National Stock Number                | Unit of Issue | Intended Use  | Usable On |    |
|--|---|--------------------------------------|---------------|---|-----------|----|
|  |   |                                      |               |   | AC        | AV |
| Goggles, Plastic, Splash-proof, Indirect Venting (Light-green) | A-A-1110  | 4240-01-082 8928                     | EA            | Protection of eyes from chemical splashes, impacts, and sparks. Ventilated for comfort and provides airflow to minimize lens fogging.                   | X         | X  |
| Earplugs, Disposable, Vinyl foam material (Yellow)             | P/N: 4-375  | 6515-00-137-6345                     | BX(400)       | Hearing protection.   | X         | X  |
| Hearing Protector (Head-phone style with extra set of seals)   | A-A-58084   | 4240-00-022-2946                     | EA            | Hearing protection. Fits securely over ears to help prevent hearing loss or damage in loud work areas   | X         | X  |
| Aural Protector  | MIL-A-23899<br>Ear Muffs<br>Replacement Seal              | 4240-00-759-3290<br>4240-00-979-4040 | EA<br>PR      | Hearing protection.   | X         | X  |
| Gloves, Leather Palm   | A-A-50016<br>(supersedes JJ-G-451)<br>Universal<br>Medium | 8415-00-268-8350<br>8415-00-634-4661 | PR<br>PR      | Recommended for use when handling composite materials.  | X         |    |
| Goggle, Military, Flight Deck (Charcoal gray)                  | P/N: ESS01CB-NV (Mfr: Eye Safety Systems Inc.)            | 4210-01-492-5720                     | EA            | Eye protection from wind, dust, debris, and ultraviolet exposure. Use with cranial-style helmets. Available with clear and smoke gray ballistic lenses. | X         |    |



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Table 3-6. Sealing Equipment

| Nomenclature   | Specifications/Part No.   | National Stock Number   | Unit of Issue  | Intended Use   | Usable On |    |
|--|---|---|--|--|-----------|----|
|  |   |   |  |  | AC        | AV |
| Sealant Dispensing Gun with 2.5 oz. Metal Retainer, Manual                                     | Model 850 Gun<br>(P/N: 221824)  | 5120-01-135-8344  | EA   | Application of sealants and adhesives.   | X         |    |
| Sealant Dispensing Gun with 6 oz. Metal Retainer, Manual                                       | Model 850 Gun<br>(P/N: 221830)  | 5120-00-952-3507  | EA   | Application of sealants and adhesives.   | X         | X  |
| Sealant Dispensing Gun with 2.5 oz. Metal Retainer, Pneumatic                                  | Model 250-A Gun<br>(P/N: 250255)  | 5130-00-323-2287  | EA   | Application of sealants and adhesives. Gun handle is removable to allow for easier access in confined areas.   | X         |    |
| Sealant Dispensing Gun with 6 oz. Metal Retainer, Pneumatic                                    | Model 250-A Gun<br>(P/N: 250065)  | 5130-00-924-6396  | EA   | Application of sealants and adhesives. Gun handle is removable to allow for easier access in confined areas.   | X         |    |
| Repair Kit for Pneumatic Sealant Dispensing Gun  | P/N: 240020<br>(Mfr.: PRC-DeSoto International)   | Open Purchase   | KT   | Model 250-A gun valve repair kit.  | X         |    |
| Replacement Retainers for Manual Sealant Guns  | Model 850 Retainers<br>P/N: 226819<br>P/N: 226820   | 5120-01-247-1639<br>5340-01-384-6120  | EA<br>EA   | 2.5 oz. metal retainer.<br>6 oz. metal retainer.   | X         | X  |
| Replacement Retainers for Pneumatic Sealant Guns   | Model 250 Retainers<br>P/N: 220256<br>P/N: 220928   | 5120-00-693-8069<br>5120-00-693-8070  | EA<br>EA   | 2.5 oz. metal retainer.<br>6 oz. metal retainer.   | X         |    |
| Hose Assemblies for Pneumatic Sealant Guns   | 5 ft. Hansen hose assembly<br>(P/N: 280000)<br>10 ft. Hansen hose assembly<br>(P/N: 280001)<br>20 ft. Hansen hose assembly<br>(P/N: 280003)<br>25 ft. Hansen hose assembly<br>(P/N: 280004)                                     | 4720-00-956-5312<br>4720-00-956-5313<br>4720-01-329-8602<br>4720-00-080-5159  | EA<br>EA<br>EA<br>EA   | Replacement hose for Model 250-A gun. All assemblies come with a B-nut fitting and a quick disconnect attachment.  | X         |    |
| Wrench for Pneumatic Sealant Guns  | P/N: 240018   | 5120-00-996-1565  | EA   | Service wrench for adjusting pneumatic sealant guns.   | X         |    |
| Mechanical Balance Beam (Dial-O-Gram Balance)  | P/N: 1650 (Mfr.: Ohaus Corp.)   | 6670-00-957-3781  | EA   | Use for weighing out the proper ratio of base and accelerator to prepare sealant.  | X         |    |
| Disposable Plastic Cartridges, Plungers, Seals, and Caps for Manual and Pneumatic Sealant Guns | Cartridges<br>2.5 oz. HD (P/N: 220323)<br>6 oz. HD (P/N: 220318)<br><br>Wiper Plungers<br>WP-Plunger LD (P/N: 220259)<br><br>Threaded Cap<br>TC-Seal (P/N: 234411)<br><br>Flange Cap<br>F-Cap (P/N: 220238)                     | 5120-00-670-3295<br>5120-00-673-1886<br><br>5120-00-276-9422<br><br>Open Purchase<br><br>8125-00-410-8501   | EA<br>EA<br><br>EA<br><br>EA<br><br>EA                       | Empty cartridges for dispensing two-part sealants using the Model 250-A gun.<br><br>Use to assure complete dispensing and elimination of waste from cartridge. Fits both 2.5 and 6 oz. cartridges.<br>Use to cap and prevent leakage. Fits both 2.5 and 6 oz. cartridges.<br><br>Use to prevent contamination. Fits both 2.5 and 6 oz. cartridges.         | X         |    |
| Sealant Smoothing Tools, Plastic   | Sealant Spatulas<br>P/N: 231349<br>P/N: 226241<br>P/N: 226242<br>P/N: 226243<br><br>Spatula Kit<br>P/N: 226244<br><br>Sealant Scraper<br>P/N: 234350<br><br>Sealant Spreader<br>P/N: 229394<br><br>Comb Spreader<br>P/N: 229395 | 5120-01-337-9415<br>5120-01-297-7015<br>5120-01-297-7016<br>5120-01-297-7017<br><br>5120-00-056-3237<br><br>5120-01-298-6121<br><br>5120-01-337-9416<br><br>Open Purchase | EA<br>EA<br>EA<br>EA<br><br>KT<br><br>EA<br><br>EA<br><br>EA | Spatulas and spreaders for tooling and smoothing sealants and adhesives.<br><br>The kit includes spatulas with P/Ns: 226241, 226242, and 226243.<br><br>Used for sealant removal from all surfaces.<br><br>Used for spreading sealants or adhesives onto flat surfaces.<br><br>Used to spread sealants or adhesives while maintaining a uniform thickness. | X         | X  |

Table 3-6. Sealing Equipment (Cont.)

| Nomenclature  | Specifications/Part No.  | National Stock Number | Unit of Issue   | Intended Use  | Usable On |    |   |
|---|--------------------------|-----------------------|---|---|-----------|----|---|
|   |                          |                       |   |   | AC        | AV |   |
| Plastic Nozzles with 1/4" NPT male threaded end, Disposable | Standard nozzles         |                       |   | See Volume II, Figure 7-3, for dimensions and drawing of nozzles. | X         |    |   |
|   | No. 252 (P/N: 220538)    | 5120-00-167-0150      | EA  |   |           |    |   |
|   | No. 254 (P/N: 220540)    | 5120-00-673-1885      | EA  |   |           |    |   |
|   | No. 255 (P/N: 233495)    | Open Purchase         | EA  |   |           |    |   |
|   | No. 410 (P/N: 220542)    | 5120-00-801-0949      | EA  |   |           |    |   |
|   | No. 410 (P/N: 220543)    | 5120-00-055-4063      | EA  | 45 degree angle.  |           |    |   |
|   | No. 415 (P/N: 227613)    | 5120-01-386-4480      | EA  |   |           |    |   |
|   | No. 420 (P/N: 220544)    | 5120-00-042-6577      | EA  |   |           |    |   |
|   | No. 430 (P/N: 220548)    | 5120-00-967-8151      | EA  |   |           |    |   |
|   | No. 430 (P/N: 220549)    | 5120-00-055-4062      | EA  | 45 degree angle.  |           |    |   |
|   | No. 440 (P/N: 220550)    | 5120-00-773-3791      | EA  |   |           |    |   |
|   | No. 620 (P/N: 220553)    | 5120-00-167-0152      | EA  |   |           |    |   |
|   | No. 620 (P/N: 220554)    | 5120-00-966-5373      | EA  | 45 degree angle.  |           |    |   |
|   | No. 640 (P/N: 220555)    | 5120-00-822-7194      | EA  |   |           |    |   |
|   | No. 640 (P/N: 220556)    | 5120-00-167-0153      | EA  | 30 degree angle.  |           |    |   |
|   | No. 640 (P/N: 220551)    | 5120-00-670-1186      | EA  | 45 degree angle.  |           |    |   |
|   | No. 650 (P/N: 224494)    | Open Purchase         | EA  |   |           |    |   |
|   | No. 820 (P/N: 220557)    | 5120-00-966-8270      | EA  |   |           |    |   |
|   | No. 840 (P/N: 220558)    | 5120-00-966-5371      | EA  | 45 degree angle with 1/16" orifice.                               |           |    |   |
|   | No. 840 (P/N: 220559)    | 5120-00-966-5372      | EA  |   |           |    |   |
|   | No. 840 (P/N: 220560)    | 5120-00-966-5382      | EA  | 45 degree bend with 1/8" orifice.                                 |           |    |   |
|   | No. 8690 (P/N: 220606)   | 5120-00-966-8243      | EA  | 9" vent duct nozzle.  |           |    |   |
|   | No. 1002 (P/N: 220561)   | 5120-00-055-4055      | EA  |   |           |    |   |
|   | No. 1004 (P/N: 220563)   | 5120-00-055-4054      | EA  |   |           |    |   |
|   | No. 1010 (P/N: 220565)   | 5120-00-055-4058      | EA  |   |           |    |   |
|   | Fillet nozzles           |                       |   |   |           |    | Applying sealant fillets over lap joints. |
|   | No. 425 (P/N: 232499)    | 5120-01-386-4274      | EA  |   |           |    |   |
|   | No. 426 (P/N: 232500)    | Open Purchase         | EA  |   |           |    |   |
|   | No. 427 (P/N: 232501)    | Open Purchase         | EA  |   |           |    |   |
|   | No. 428 (P/N: 232502)    | Open Purchase         | EA  |   |           |    |   |
|   | No. 429 (P/N: 232590)    | Open Purchase         | EA  |   |           |    |   |
|   | Ribbon nozzles           |                       |   |   |           |    |   |
|   | No. 8607 (P/N: 220568)   | 5120-00-966-5381      | EA  |   |           |    |   |
|   | No. 8608 (P/N: 220569)   | 5120-00-966-8244      | EA  |   |           |    |   |
|   | No. 8610 (P/N: 220570)   | 5120-00-299-6790      | EA  |   |           |    |   |
|   | No. 8613 (P/N: 220572)   | 5120-00-966-5379      | EA  |   |           |    |   |
|   | No. 8615 (P/N: 220574)   | 5120-00-966-5378      | EA  |   |           |    |   |
|   | No. 8616 (P/N: 220577)   | Open Purchase         | EA  | 2 3/16" for windshield fillet.                                    |           |    |   |
|   | No. 8630 (P/N: 220581)   | 5120-00-966-5377      | EA  |   |           |    |   |
|   | No. 8630-9 (P/N: 220582) | 5120-00-966-5376      | EA  |   |           |    |   |
|   | No. 8642 (P/N: 220585)   | 5120-00-293-4676      | EA  |   |           |    |   |
|   | No. 8643 (P/N: 220586)   | 5120-00-775-1670      | EA  |   |           |    |   |
|   | No. 8645 (P/N: 220587)   | 5120-00-138-1658      | EA  |   |           |    |   |
|   | No. 8646 (P/N: 220588)   | 5120-00-966-5374      | EA  |   |           |    |   |
|   | No. 8648 (P/N: 220589)   | 5120-00-966-5375      | EA  |   |           |    |   |
|   | Extension nozzle         |                       |   |   |           |    |   |
|   | No. 600E (P/N: 220552)   | 5120-00-670-1187      | EA  | 6 3/8" extension.   |           |    |   |
| Floorboard nozzle   |                          |                       |   |   |           |    |   |
| P/N: 231674   | Open Purchase            | EA                    |   |   |           |    |   |
| Funnel nozzle   |                          |                       |   |   |           |    |   |
| 1" (P/N: 231718)  | Open Purchase            | EA                    |   |   |           |    |   |
| 2" (P/N: 231348)  | Open Purchase            | EA                    |   |   |           |    |   |
| Nozzle adapter  |                          |                       |   |   |           |    |   |
| P/N: 229306   | Open Purchase            | EA                    | 1/4 NPT female thread.  |   |           |    |   |
| Edge fill nozzle  |                          |                       |   |   |           |    |   |
| No. 444 (P/N: 234164)                                       | Open Purchase            | EA                    | Nozzle gives a slightly rounded edge fill and has a 0.40" thick flange to guide along panel edge. |   |           |    |   |

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Table 3-6. Sealing Equipment (Cont.)

| Nomenclature                                      | Specifications/Part No.   | National Stock Number   | Unit of Issue                                      | Intended Use  | Usable On |    |
|---|---|---|--|---|-----------|----|
|   |   |   |  |   | AC        | AV |
| Fastener Sealing Nozzles (Countersink Nozzles)    | Size: 3/32" - 1/8" (P/N: 233244)<br>Size: 3/16" - 1/4" (P/N: 233243)<br>Size: 5/16" - 3/8" (P/N: 233451)<br>Size: 1/4" hole (P/N: 231319)<br>Size: 5/16" hole (P/N: 231320)<br>Size: 3/8" hole (P/N: 231321)<br>Size: 7/16" hole (P/N: 231560)<br>Size: 1/2" hole (P/N: 231559) | Open Purchase<br>Open Purchase<br>Open Purchase<br>Open Purchase<br>Open Purchase<br>Open Purchase<br>Open Purchase<br>Open Purchase                        | EA<br>EA<br>EA<br>EA<br>EA<br>EA<br>EA<br>EA       | Use to apply the required amount of sealant into the countersink area of fastener holes prior to installation. Comes with a threaded end to fit into cartridges. The nozzles are color coded for identification.  | X         |    |
| Rivet Nozzles                                     | Size: 3/32" (P/N: 234285)<br>Size: 1/8" (P/N: 226837)<br>Size: 5/32" (P/N: 226838)<br>Size: 3/16" (P/N: 226839)<br>Size: 3/16" - 120 (P/N: 234260)<br>Size: 7/32" (P/N: 234284)<br>Size: 1/4" (P/N: 226840)<br>Size: 5/16" (P/N: 233051)<br>Size: 3/8" (P/N: 233052)            | Open Purchase<br>5120-01-413-8733<br>Open Purchase<br>Open Purchase<br>Open Purchase<br>Open Purchase<br>5120-01-416-1683<br>Open Purchase<br>Open Purchase | EA<br>EA<br>EA<br>EA<br>EA<br>EA<br>EA<br>EA<br>EA | Use to apply the required amount of sealant into the countersink and hole prior to fastening parts with rivets. The spring-loaded tip of the nozzle acts as a check valve allowing precise shots of material to be dispensed. Comes with a threaded end to fit into cartridges. The nozzles are color coded for identification. | X         |    |
| Roller Nozzles with 1/4" NPT male threaded end    | Roller nozzle assembly<br>1" (P/N: 232693)<br>2" (P/N: 232692)<br><br>Replacement roller<br>1" (P/N: 232701)<br>2" (P/N: 232702)  | Open Purchase<br>Open Purchase<br><br>5120-01-440-6984<br>Open Purchase   | EA<br>EA<br><br>EA<br>EA                           | Use to apply adhesives and sealants evenly over wide areas of substrate (e.g. faying surface).<br><br>Use with any disposable cartridge. Can be solvent cleaned for reuse.  | X         |    |
| Mixing Stick, Sealant, Wooden                     | P/N: 321 or 706<br>(6" L x 3/4" W)  | 6515-00-324-5500  | PG (12, 100 BX)                                    | Use for hand mixing small amounts of sealants.  | X         | X  |
| Mixing Cup, Sealant, Plastic Coated Paper (White) | A-A-2577 Type II Style A Class 3 (supersedes UU-C-806)<br>Size: 8 oz.   | 7350-00-641-4520  | BX (1000)  | Use for hand mixing small amounts of sealants.  | X         | X  |
| Sealing Machine, Electric Jaw                     | A-A-2953<br>6" jaw<br>14" jaw   | 3540-00-293-0377<br>3540-00-299-9811  | EA<br>EA   | Used to seal heat sealable, flexible transparent/translucent packaging films  |           | X  |

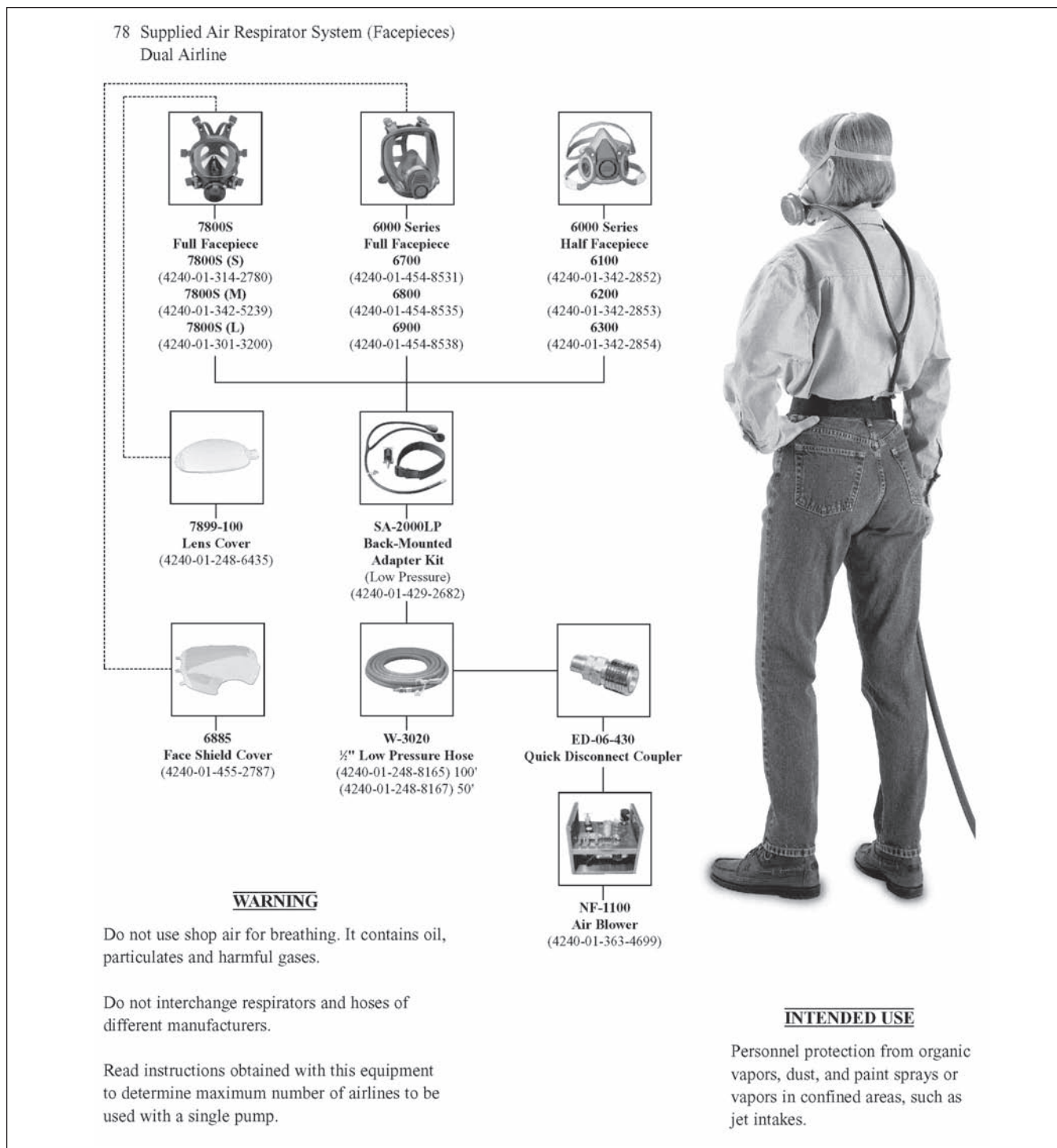


Figure 3-1. Back Mounted Full Facepiece Respirator

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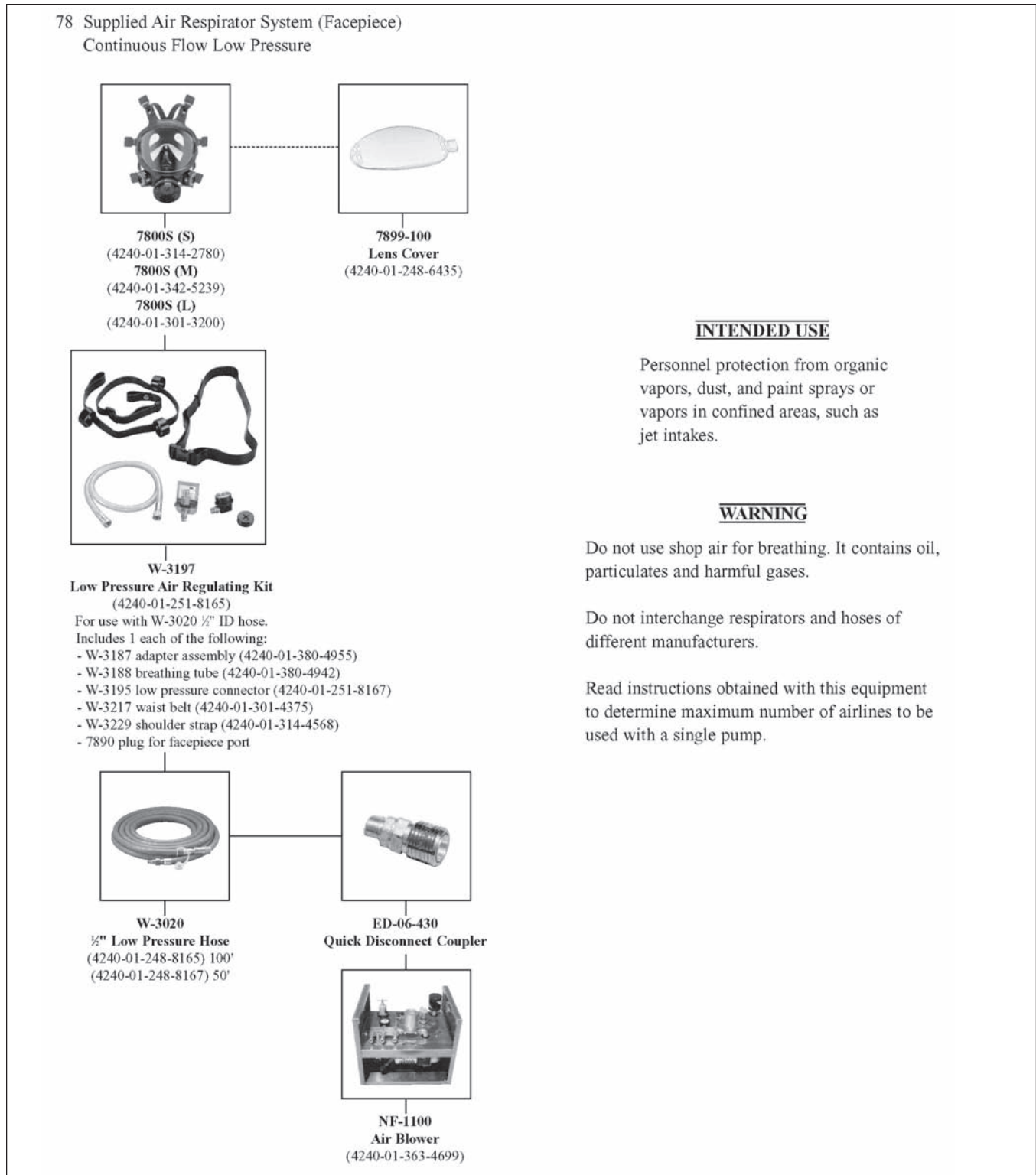
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Figure 3-2. Front Mounted Full Facepiece Respirator

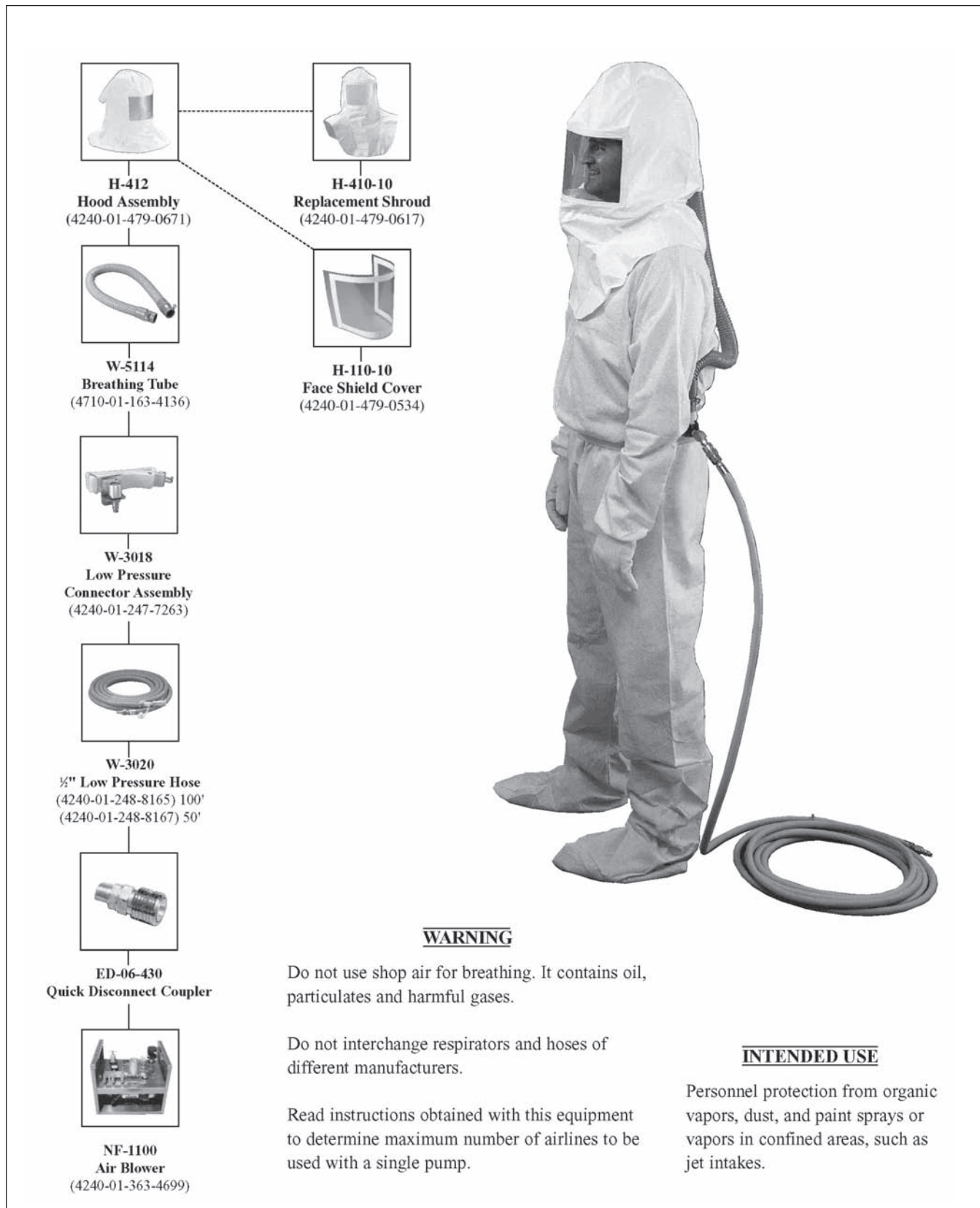


Figure 3-3. Hooded Air Respirator System

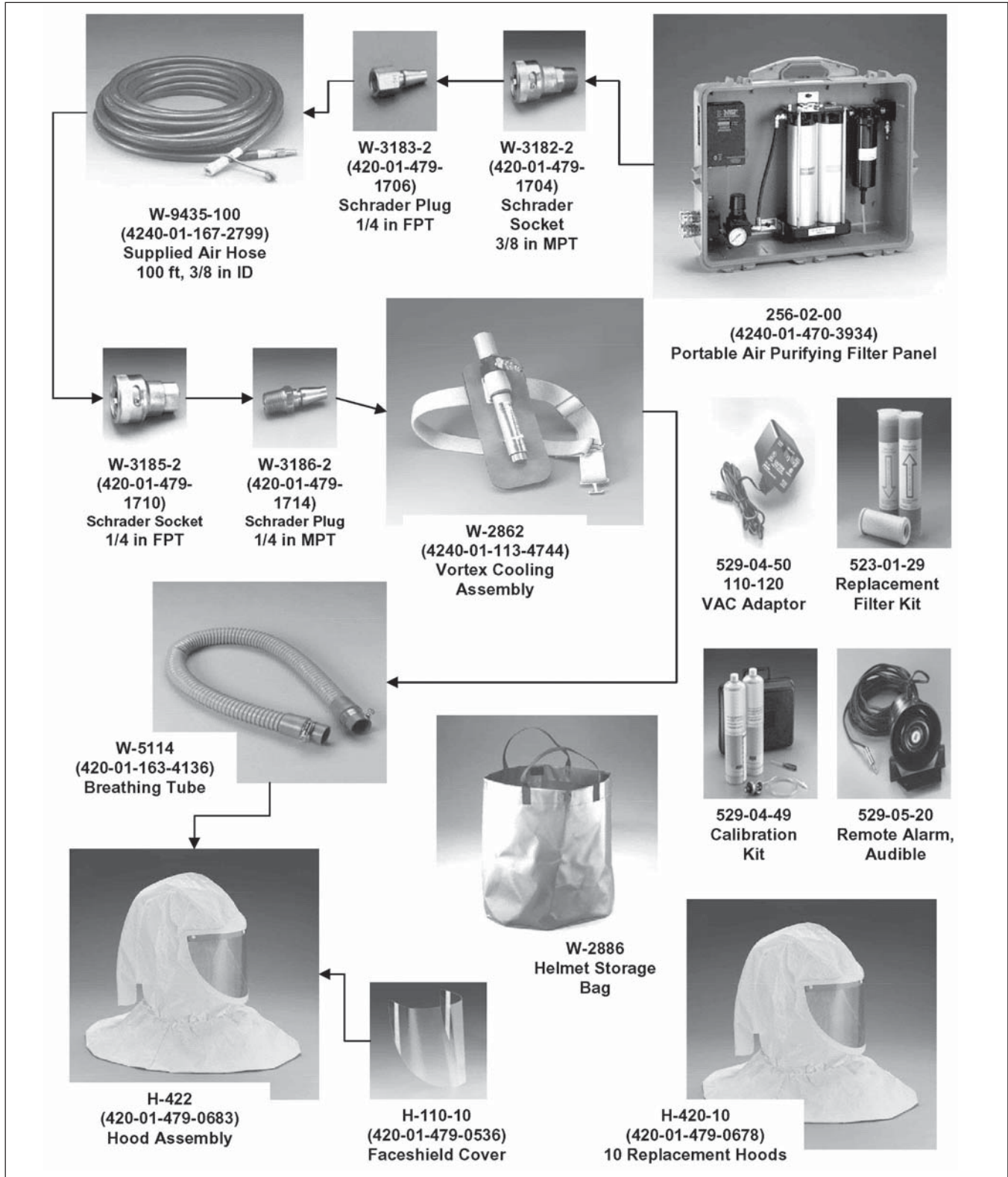


Figure 3-4. Supplied Air Cooling Respiratory Protection System





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## CHAPTER 4 SPECIAL AVIONIC EQUIPMENT

**4-1. INTRODUCTION.** Table 4-1 describes the special cleaning equipment used in the avionic corrosion control work center. Pending standardization of support equipment to be used for avionic cleaning, only equipment that meets the general procedures and limitations of Volume III should be used.

Table 4-1. Special Support Equipment for Avionics Cleaning

| Nomenclature               | Characteristics  |
|----------------------------|--|
| Aqueous Ultrasonic Cleaner | <p><b>Tank dimensions:</b> 18" wide x 30" long x 18" deep</p> <p><b>Overall dimensions:</b> 20" wide x 32" long x 40" high</p> <p><b>Power requirements:</b> Single phase/115V/60 Hz/60A</p> <p><b>Operating frequency:</b> 20 to 21 KHz (internally adjusted) at an average power of 1500 watts (RMS)</p> <p><b>Operating temperature:</b> 130° F (54° C)</p> <p><b>Temperature range:</b> 90° F (32° C) to 150° F (66° C)</p>  |
| Solvent Ultrasonic Cleaner | <p><b>Ultrasonic tank dimensions:</b><br/>12" wide x 8" long x 12" deep</p> <p><b>Vapor degreaser tank dimensions:</b><br/>12" wide x 8" long x 12" deep</p> <p><b>Overall dimensions:</b> 48" wide x 60" long x 47" high</p> <p><b>Power requirements:</b> Single phase/230V/50-60Hz/39A</p> <p><b>Operating frequency:</b> 40 KHz (internally set) at an average power of 500 watts (RMS)</p> <p><b>Operating temperature:</b> 107° F (42° C)</p> <p><b>Temperature range:</b> 90° F (32° C) to 150° F (66° C)</p> |



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