

MIL-C-16173D  
AMENDMENT-2  
19 November 1968  
SUPERSEDING ✓  
AMENDMENT-1  
17 March 1967

MILITARY SPECIFICATION

CORROSION PREVENTIVE COMPOUND,  
SOLVENT CUTBACK, COLD-APPLICATION

This amendment forms a part of Military Specification MIL-C-16173D, dated 20 October 1966, and is mandatory for use by all Departments and Agencies of the Department of Defense.

Page 1

- # 1.2: Delete "Grade 5" and substitute:  
"Grade 5 - Low pressure steam removable film."

Pages 1 and 2

2.1, under "SPECIFICATIONS, FEDERAL": Delete "NN-P-515, PPP-B-576, PPP-B-585, PPP-B-591, PPP-B-601, PPP-B-621, and PPP-B-636".

Page 2

- 2.1, under "STANDARDS, MILITARY": Add:  
"MIL-STD-147 - Palletized and Containerized Unit Loads 40" X 48"  
4-Way (Partial) Pallet Skids, Runners, or Pallet-  
Type Base."

Page 3

- # 2.2: Delete "OFFICIAL CLASSIFICATION COMMITTEE" listing and substitute:  
"UNIFORM FREIGHT CLASSIFICATION COMMITTEE  
Uniform Freight Classification Rules

1/ CHANGES FROM PREVIOUS ISSUE. THE OUTSIDE MARGINS OF THIS DOCUMENT HAVE BEEN MARKED "#" TO INDICATE WHERE CHANGES (DELETIONS, ADDITIONS, ETC.) FROM THE PREVIOUS ISSUE HAVE BEEN MADE. THIS HAS BEEN DONE AS A CONVENIENCE ONLY AND THE GOVERNMENT ASSUMES NO LIABILITY WHATSOEVER FOR ANY INACCURACIES IN THESE NOTATIONS. BIDDERS AND CONTRACTORS ARE CAUTIONED TO EVALUATE THE REQUIREMENTS OF THIS DOCUMENT BASED ON THE ENTIRE CONTENT AS WRITTEN IRRESPECTIVE OF THE MARGINAL NOTATIONS AND RELATIONSHIP TO THE LAST PREVIOUS ISSUE.

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(Application for copies should be addressed to the Uniform Classification Committee, 202 Union Station, 516 West Jackson Boulevard, Chicago, Illinois 60606.)"

3.2, last sentence: Delete and substitute: "Benzol or chlorinated hydrocarbons shall not be used."

Page 4

# 3.11.1, Table I, column 6, line 5: Opposite "Hot water removability, residue, g/sq. ft. (max.)", in column 6 delete "0.15" and substitute "0.45".

Page 5

# 4.1: Delete and substitute:

"4.1 Responsibility for inspection. Unless otherwise specified in the contract or purchase order, the supplier is responsible for the performance of all inspection requirements as specified herein. Except as otherwise specified in the contract or order, the supplier may use his own or any other facilities suitable for the performance of the inspection requirements specified herein, unless disapproved by the Government. The Government reserves the right to perform any of the inspections set forth in the specification where such inspections are deemed necessary to assure supplies and services conform to prescribed requirements."

Page 9

4.6.5, line 11: Delete "Precision Scientific Company" and substitute "Metaspec Company, P.O. Box 28125, San Antonio, Texas 78228."

Page 10

4.6.7.1, line 11: Delete " $4-1/4$ " and substitute " $4 \pm 1/4$ ".

Page 12

4.6.8.1.2(a), lines 5 and 6: Delete "P-S-661" and substitute "P-D-680".

4.6.8.1.2(b), line 4: Delete "P-S-661" and substitute "P-D-680".

Page 2  
of 6 pages

## Pages 17 and 18

Section 5: Delete and substitute:

"5. PREPARATION FOR DELIVERY :

# "(The preparation for delivery requirements specified herein apply only for direct Government procurements.)

# "5.1 Sub-contracted material and parts. The preparation for delivery requirements of referenced documents listed in Section 2 do not apply when material and parts are procured by the supplier for incorporation into the equipment and lose their separate identity when the equipment is shipped.

"5.2 Packaging. The corrosion preventive compound shall be furnished in one-gallon cans, 5-gallon pails, or 55-gallon drums as specified (see 6.2). Packaging shall be level A or C, as specified (see 6.2).

"5.2.1 Level A.

"5.2.1.1 Cans. The one gallon cans shall conform to type V, class 2 of PPP-C-96. Exterior coating shall be plan B.

"5.2.1.2 Pails. The 5-gallon pails shall conform to type II, class 1 or 3 of PPP-P-704. Exterior coating of the pails shall be required. Wire handles or bails shall be treated to resist corrosion.

"5.2.1.3 Drums. The 55-gallon drums shall conform to type III or IV, as specified (see 6.2) of PPP-D-729. Exterior coating of the drums shall be required. Unless otherwise specified in the contract or order, the coating shall conform to TT-E-485.

"5.2.2 Level C. The compound shall be packaged to afford adequate protection against deterioration and damage during shipment from the supply source to the first receiving activity for early use and may conform to the supplier's commercial practice.

"5.3 Packing. Packing shall be level A, B, or C, as specified (see 6.2).

"5.3.1 Levels A and B.

"5.3.1.1 Cans. One-gallon cans shall be packed for the level specified in accordance with the Appendix to PPP-C-96.

"5.3.1.2 Pails and drums. Five-gallon pails and 55-gallon drums will require no packing. When specified (see 6.2) pails and drums shall be palletized for shipment in accordance with MIL-STD-147.

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Pages 17 and 18 (Cont'd)

5.3.2 Level C. The compound, packaged in cans in accordance with level A or C as specified (see 6.2), shall be packed in containers in a manner to insure safe delivery and acceptance at destination. Containers and packing shall comply with the Uniform Freight Classification Rules or other carrier regulations applicable to the mode of transportation. Five-gallon and 55-gallon drums will require no packing.

5.4 Marking. In addition to any special marking specified in the contract or order, each unit and intermediate package and shipping container shall be marked in accordance with MIL-STD-290. Each container shall be marked as follows:

CAUTION

1. Agitate well before using.
2. Contains combustible petroleum thinners of 100°F. minimum flash point.
3. Avoid use near open flames, sparks, or welding or cutting operations.
4. Avoid prolonged or repeated contact with the skin, or breathing of vapors.

When prolonged exposures are necessary, use protective clothing and proper masks."

Page 19

# 6.2, item (c): Delete "5.1" and substitute "5.2".

# 6.2, item (d), lines 2 and 3: Delete "(see 5.1 and 5.2)" and substitute "(see 5.2 and 5.3)".

# 6.2, item (e): Delete "5.1.1.3" and substitute "5.2.1.3".

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Add the attached figure 8.

Custodians:

Army - MR  
Navy - SH  
Air Force - 84

Preparing activity:

Navy - SH  
(Project 8030-0346)

Review activities:

Army - MR, EL, ME, WC, SM  
Navy - SH, AS, OS, YD  
Air Force - 84, 11

User activity:

Navy - MC

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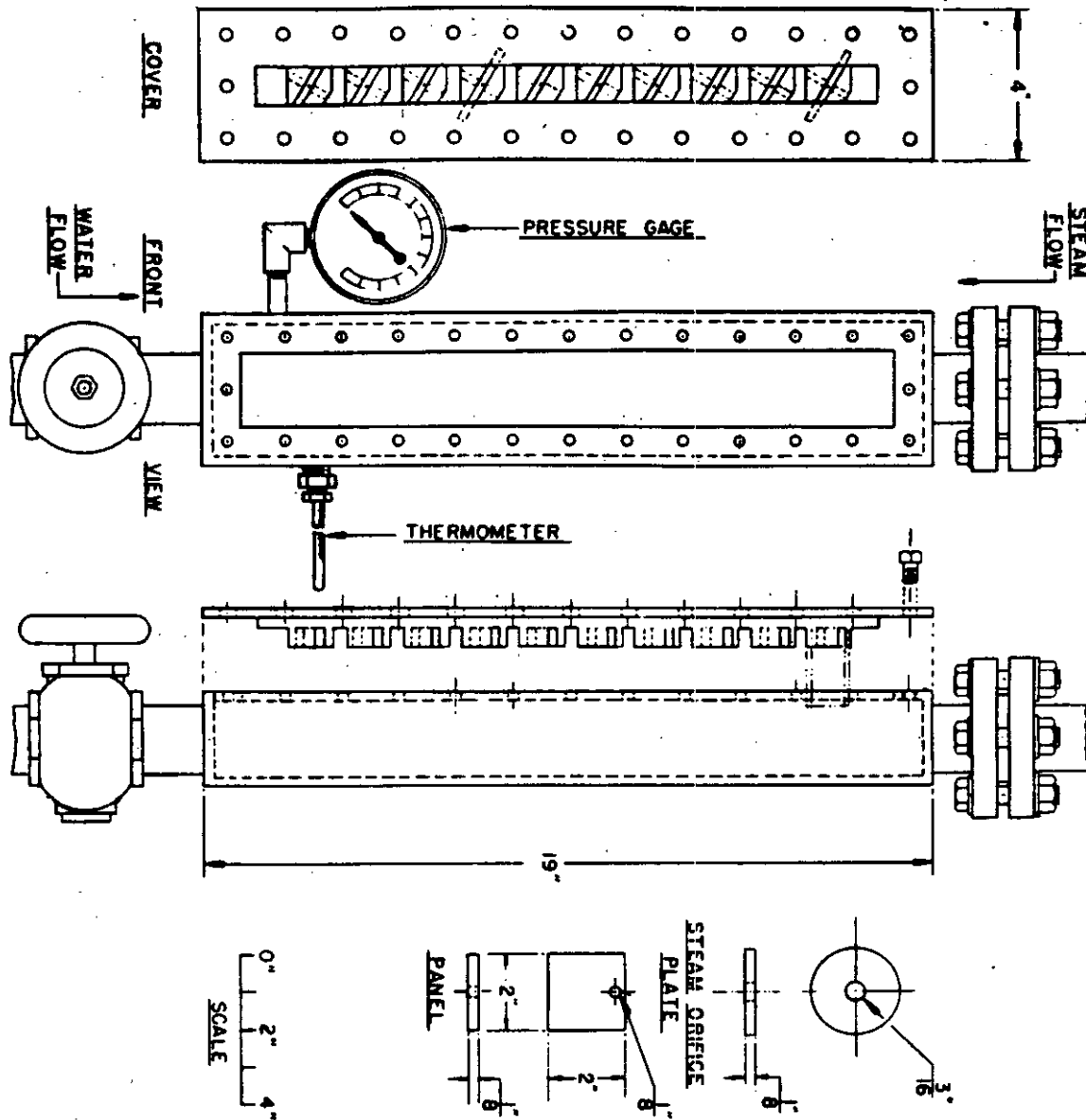


Figure 8 - Hot water - low pressure steam removability apparatus.