NOT MEASUREMENT
SENSITIVE

MIL-S-85420(AS)
AMENDMENT 1
13 March 2000

MILITARY SPECIFICATION

SEALING COMPOUNDS, QUICK REPAIR, LOW TEMPERATURE
CURING POLYSULFIDE, FOR AIRCRAFT STRUCTURES

This amendment forms a part of MIL-S-85420(AS), dated 14 October 1980, and is approved for use by the Naval Air Systems Command, Department of the Navy, and is available for use by all Departments and Agencies of the Department of Defense.

PAGE 2

2.1, under SPECIFICATIONS, FEDERAL, delete:

"TT-E-751  -  Ethyl Acetate, Technical
TT-I-735  -  Isopropyl Alcohol
TT-M-261 -  Methyl Ethyl Ketone, Technical
TT-N-97   -  Naphtha, Aromatic
TT-S-735  -  Standard Test Fluids, Hydrocarbon
TT-T-548  -  Toluene, Technical"

2.1, under SPECIFICATIONS, MILITARY, delete:

MIL-D-6998        -   Dichloromethane, Technical

PAGE 4

2.2, after "...Chicago, Illinois 60606.)" add:

"SOCIETY FOR AUTOMOTIVE ENGINEERS (SAE)

SAE-AMS2629     -    Fluid, Jet Reference

AMSC N/A                             1 of 2                             FSC 8030

DISTRIBUTION STATEMENT A.  Approved for public release; distribution is unlimited.

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SAE-AMS3166    -    Solvents, Cleaning, Cleaning Prior to Application of Sealing
Compounds.


(Application for copies should be addressed to the Customer Service Department,
Publications Group, SAE, 400 Commonwealth Drive, Warrendale, PA  15096.)"


PAGE 10


4.6.1, line 3:  Delete "formulated in accordance with table VI" and substitute "in accordance
with SAE-AMS3166."


PAGE 11

TABLE VI:  Delete in its entirety.


PAGE 14


4.8.7.3.1:  Delete in its entirety and substitute:

"4.8.7.3.1  <u>Jet reference fluid</u>.  Jet reference shall be in accordance with SAE-AMS2629,
Type I.  Fluids older than 90 days shall be retested for mercaptan and total sulfur content
before use."


PAGE 16


4.8.9, line 8:  Delete "sealant shall be stripped from the panel with dichloromethane
conforming to MIL-D-6998" and substitute "sealant shall be carefully removed from the
corrosion specimens using a plastic scraper."


PAGE 17


4.8.13,  lines 6 and 7:  Delete "isopropyl alcohol or solvent, formulated in accordance with
table VI" and substitute "reagent grade isopropyl alcohol or solvent specified in 4.6.1."


Preparing activity:
 Navy – AS

(Project 8030-N804)