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METRIC
DOD-PRF-24648
AMENDMENT 1
5 March 1991

PERFORMANCE SPECIFICATION

PRIMER COATING, ZINC DUST PIGMENTED FOR EXTERIOR STEEL SURFACES (METRIC)

This amendment forms a part of DOD-P-24648, dated 16 July 1985, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 3

2.2, ASTM: Delete "ASTM D 1748 - Standard Test Method for Rust Protection by Metal Preservatives in the Humidity Cabinet (DoD adopted)."

2.2, ASTM: Add "ASTM D 2247 - Standard Test Method for Testing Coated Metal Specimens at 100% Relative Humidity".

2.2: Delete "South Coast Air Quality Management District" in its entirety.

PAGE 4

3.2.2: Delete and substitute the following:

"3.2.2 Volatiles. The volatile portion of each component and mixed components of the primer shall have a maximum volatile organic content (VOC) of 340 grams solvent per liter of paint (2.8 pounds per gallon)."

AMSC N/A

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

FSC 8010

DOD-P-24648
AMENDMENT 1

3.2.3: Delete and substitute the following:

"3.2.3 Thinners. When the liquid vehicle portion of the primer cannot be thinned with water, the manufacturer of that primer shall specify a suitable solvent (see 4.11)."

3.4, last line: Delete last word "rejection".

3.4, last line: Add "and removal from the qualified products list (QPL). Qualification is based on one year satisfactory performance when tested in accordance with 4.8.14."

PAGE 5

3.4.1, subparagraphs (1) and (2): Delete and substitute the following:

- "(1) One mist coat of formula 150 of MIL-P-24441. One full coat of either formula 151 or 150 of MIL-P-24441. Two coats of formula 20 of DOD-E-699.
- (2) One mist coat of formula 150 of MIL-P-24441. One full coat of either formula 151 or 150 of MIL-P-24441. Two coats of haze gray, DOD-E-24635, color number 26270."

PAGE 6

3.12, line 2: Delete "sandblasted" and substitute "abrasive blasted".

3.12, fifth line: Delete the last word "shall" and substitute "may".

PAGE 14

4.8.10, third line: Delete "ASTM D 1748" and substitute "ASTM D 2247".

4.8.12, second line: After "panel shall be coated" add "as specified in 3.4.1(e)."

DOD-P-24648
AMENDMENT 1

PAGE 15

4.8.14, sixth line: After "film failure" delete "other than a moderate change in appearance".

PAGE 17

5.3.2: Delete and substitute the following:

"5.3.2 Special marking. In addition to other markings required on the containers, there shall be the following statement: "The volatile organic content of primer in this container does not exceed 340 grams solvent per liter of paint"."

PAGE 18

6.4: Delete in its entirety.

Custodians:

Army - ME
Navy - SH
Air Force - 99

Preparing activity:

Navy - SH
(Project 8010-0426)

Review activities:

Army - MR
Navy - AS, YD

User activities:

Navy - CG, MC