

FEDERAL SPECIFICATION

ENAMEL, INTERIOR (SEMI-GLOSS, TINTS AND WHITE)

This amendment, which forms a part of Federal Specification TT-E-508C, dated June 15, 1977, was approved by the Assistant Administrator, Office of Federal Supply and Services, General Services Administration, for the use of all Federal agencies.

PAGE 2

Para 2.2, under American Society for Testing and Materials (ASTM) Standards. Add:

- D 523 - Specular Gloss
- D 1729 - Visual Evaluation of Color Differences of Opaque Materials
- D 1849 - Package Stability of Paints
- D 2698 - Pigment Content of Solvent-Type Paints by High-Speed Centrifuging
- D 2801 - Leveling Characteristics of Paints by Draw-Down Method
- D 2805 - Hiding Power of Paint
- D 3335 - Low Concentrations of Lead, Cadmium, and Cobalt in Paint by Atomic Absorption Spectroscopy

Para 3.2.3 (f). Change to read: "Benzene: Zero."

PAGE 3

Para 3.3.2.1, line 3. Delete: "skinning".

Para 3.3.10, line 3. Change "4.3.11" to "table IV".

Para 3.3.12, line 2. Change "4.3.12" to "table IV".

Para 3.3.13, line 3. Change "4.4.3" to "4.3.1".

PAGE 5

TABLE IV, line 6, Full container. Delete "3022". Add "D 1849" under ASTM.

line 14, Sag resistance. Add "4494" under FTMS 141. Delete "4.3.11" under Para. Ref.

line 17, Level property. Add "D 2801" under ASTM. Delete "4.3.12" under Para. Ref.

line 18, Color. Delete "4250". Add "D 1729" under ASTM.

line 21, Dry opacity. Delete "4121". Add "D 2805" under ASTM.

line 24, Nonvolatile vehicle. Delete "4053". Add "D 2698" under ASTM.

line 33, Gloss. Delete "6101". Add "D 523" under ASTM. Add "4.3.17" under Para. Ref.

Add: "Pigment percent by weight" under Characteristics, "Table I" under Requirement Reference, and "D 2698" under ASTM.

PAGE 6

Para 4.3.1, second sentence. Change to read: "Recoat and dry as above if necessary to obtain complete hiding; compare the dried film with the specified color chip in accordance with ASTM D 1729."

Para 4.3.3.2, lines 1 and 2. Change "method 3022 of Fed. Test Method Std. No. 141" to "ASTM D 1849".

Para 4.3.4, line 3. Change "4230" to "4203".

PAGE 7

Para 4.3.11. Delete the paragraph in its entirety.

TT-E-508C
Amendment - 1

PAGE 7

Para 4.3.12. Delete the paragraph in its entirety.

PAGE 8

Para 4.3.14.3. Change to read: "When the solvent is tested in accordance with 4.3.14.1, a benzene peak shall not be present."

Para 4.3.15. Change to read: "Determine lead content in accordance with ASTM D 3335 or as specified below. In case of dispute, the following procedure shall be used."

PAGE 9

Para 4.3.16, lines 16 and 17. Change "method 6103 of Fed. Test Method Std. No. 141A" to "ASTM D 523".

Add new paragraph 4.3.17:

"4.3.17 Gloss. Draw down the thoroughly mixed enamel on plane, opaque, white glass panels specified in 2.1.5 of method 2021 of Fed. Test Method Std. No. 141. Use a film applicator which will produce a wet film thickness of $76 \pm 2 \text{ um}$ ($0.003 \pm 0.0001 \text{ inch}$). Determine 60° gloss in accordance with ASTM D 523 after 48 hours and 168 hours drying at standard conditions in a dust-free environment."

MILITARY INTERESTS:

Military Coordinating Activity

Navy - YD

Custodians

Navy - YD
Air Force - 99

Review Activity

Army - CE, MD
Navy - SH

CIVIL AGENCY COORDINATING ACTIVITIES

COMMERCE - NBS
VA - OSS
HHS - NIH
GSA - FSS

PREPARING ACTIVITY:

GSA - FSS