

**NOTICE
OF CANCELLATION**

**A-A-344B
NOTICE 1
July 26, 2001**

COMMERCIAL ITEM DESCRIPTION

LACQUER, CLEAR GLOSS, EXTERIOR/INTERIOR

Commercial Item Description A-A-344B, dated August 15, 1996, is hereby canceled without replacement.

**Preparing activity:
GSA-FSS**

FSC 8010

[METRIC]
 A-A-344B
August 15, 1996
 Supersedes
 A-A-344A
 April 30, 1984

COMMERCIAL ITEM DESCRIPTION
Lacquer, Clear Gloss, Exterior/Interior

The General Services Administration has authorized the use of this Commercial Item Description, for all Federal Agencies

1.0 SCOPE. This description covers a water-clear, high gloss, air-drying lacquer for application by brush, wiping cloth or roller. The lacquer is intended for general interior and exterior maintenance of primed metal or unfinished sealed wood, or for recoating sanded or solvent activated compatibles finishes.

2.0 CLASSIFICATION. This CID describes one type of low VOC lacquer.

3.0 SALIENT CHARACTERISTICS.

Characteristics	Requirements	Methods
(1) Nonvolatile	20.0% (minimum)	ASTM D 1664
(2) Volatile Organic Content (VOC)	680 gms/L (maximum)	EPA Method 24 (Note 1)
(3) "Dry-to-touch" "Dry-through"	30 minutes (maximum). 2 hours (maximum)	ASTM D 1640 (Note 2)
(4) Adhesion	3B rating or better	ASTM D 2197 (Note 3)
(5) Water & alcohol resistance	no visual defects or softening	(Note 4)
(6) Color (non-yellowing)	Gardner Color Std. No. 3	ASTM D 523
(7) Gloss	70% min. @ 60° reflectance	ASTM D 1544
(8) Self-lifting	no wrinkling or lifting of films	(Note 5)
(9) Weathering 168 hrs.	no yellowing; no film defect	ASTM G 23
(10) Flexibility	no cracking or flaking	D 522, Method B
(11) Prohibited chemicals	voluntary reduce/eliminate	Appendix A
(12) Condition in container	no gel or foreign particles; dispersible 5 min. hand mix	visual observation
(13) Brushing	no "pulling"; no "sag" or "run"	(Note 6)

4.0 REGULATORY REQUIREMENTS.

4.1 Recovered materials. To the maximum extent practical, the manufacturer is encouraged to use recovered material(s) in accordance with Public Law 94-580.

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5.0 QUALITY ASSURANCE PROVISIONS.

5.1 Certificate of Compliance (COC). In lieu of performance testing under Salient Characteristics, the Contractor may provide a COC certifying the offered product(s) meet the requirements of this specification. In case of dispute, over the quality of delivered lacquer product, the requirements and methods described under para. 3.0, Salient characteristics, shall be used. The Contractor shall certify that the product conforms to the producer's own drawings, specification(s), standards and quality assurance practices, and is the same product offered for sale in the commercial marketplace. The Government reserves the right to require proof of such conformance prior to the first delivery and thereafter as may be otherwise provided for under the provisions of the contract or purchase order.

5.2 ASTM. Use the latest method in effect on the date of the solicitation or order. In case of cancellation of a method, the Contractor shall obtain a copy and test in accordance with the method revision prescribed herein. ASTM standards and test methods are available from the American Society of Testing Materials, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959.

6.0 NOTES.

- ¹ EPA Method 24, is described in 40 CFR (Code of Federal Regulations), Part 60, July 1, 1995, or later method/amendment if superseded.
- ² **"Dry-to-touch" Test** Prepare a test film in accordance with Note 5 below. The definitions and test methods for "Dry-to-touch" and "Dry-through" shall be in accordance with ASTM D 1640.
- ³ **Adhesion.** D 3359, Use Method B, cut 6 grid lines.
- ⁴ **Water & Alcohol Resistance.** By spraying or painting, prepare a 25 um (1.0 mil) dry film of lacquer product on on a flat, mill finish aluminum panel which is primed or chemically treated. Cover panel edges completely with test lacquer or alternately seal raw edges with molten paraffin wax before testing. Cure the film at standard conditions, 18-21° C and 50-55% relative humidity for 48 hours.
Water resistance: Immerse 1/2 of panel in drawn tapwater at standard temperature for 18 hours. "Blot" dry with soft tissue and wait one hour before inspection for spotting and softening; compare against the unsubmerged portion of lacquer film.
Ethyl alcohol resistance: Repeat the above test . Apply 3 drops of denatured ethyl alcohol on the above panel and cover with a watch glass. After 6 hours, dry the area and wait one hour before observation.
- ⁵ **Self-lifting.** Spray a coat of the lacquer onto two tin plate panels prepared in accordance with method 2012 of Federal Test Method Standard 141. At 20° +/- 1° C and 50% +/- 5% relative humidity, permit one panel to dry for 4 hours, then apply a second coat of lacquer, onto the first coat. After 15 seconds, 1, 5 and 60 minutes, visually observe the panel for signs of film wrinkling or lifting. Repeat the procedure with a lacquer film permitted to dry for 24 hours. Record and report any signs of wrinkling or lifting.
- ⁶ **Brushing:** At 20-23°C and 45-60% relative humidity, brush a clean phosphated, flat, 30.5 cm x 30.5 cm (12 x 12 inch), approximately, carbon steel panel with test lacquer using a 38 mm (1-1/2 inch) lacquer brush. The "painter" shall be able to apply one uniform thin coat of lacquer to the entire test panel without experiencing brush "pull" or drag. Sag resistance: raise the panel to a vertical position until "dry-to-touch"; inspect for "sag" or "run".

Military Custodians

Army -MR
Navy -SH
AF -99

Preparing Activity

GSA - FSS

Coordinating Activity:

Army - ME
AF - 48

Appendix A

17 Toxic Chemicals -EPA Targeted for Reduced Use (The "33/50 Program" is an EPA voluntary pollution prevention initiative)

The General Services Administration endorses the EPA 's voluntary objectives which encourage paint manufacturers to reduce or eliminate the following 17 listed chemicals in products covered by this specification.

If applicable, a product label may state the product is free of the EPA list of 17 targeted toxic chemicals.

Note: "Acetone" was recently de-listed from the list of 17 "Targeted Toxic Chemicals".

List of EPA's 17 Targeted Toxic Chemicals

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|---------------------------|-------------------------------|
| (1) Benzene | (10) Methyl ethyl ketone |
| (2) Cadmium & compounds | (11) Methyl isobutyl ketone |
| (3) Carbon tetrachloride | (12) Nickel and compounds |
| (4) Chloroform | (13) Tetrachloroethylene |
| (5) Chromium & compounds | (14) Toluene |
| (6) Cyanide and compounds | (15) 1,1,1 -trichloroethylene |
| (7) Lead and compounds | (16) Trichloroethylene |
| (8) Mercury & compounds | (17) Xylenes |
| (9) Methylene chloride | |