

COMMERCIAL ITEM DESCRIPTION

SEALER, SURFACE (VARNISH TYPE, WOOD AND CORK FLOORS)

The General Services Administration has authorized the use of this commercial item description in preference to Class 1 of Federal Specification TT-S-176

Salient characteristics:

The sealer shall not contain skins or gels and shall be suitable for application by bristle brush or lamb's wool mop. The solvent used shall not be photochemically reactive as defined in Rule 102 of the South Coast Air Quality Management District 1/. The sealer shall be reducible with mineral spirits without causing flocculation or the formation of gel bodies.

Skinning. A sealed, three-quarter filled container shall not skin within 48 hours at room temperature.

Odor. The odor in the can and during application shall not be irritating. There shall be no residual odor after 24 hours air drying (ASTM D 1296).

Water resistance. After 24 hours immersion in distilled water at room temperature and 0.5 hours immersion in boiling distilled water, dried films of the sealer shall show no whitening, blistering, or visible defects other than slight dulling (par 6.4, ASTM D 1308) 2/.

Working properties. The dried sealer shall show no ink staining; shall be capable of being recoated without lifting or lap marks; and shall be compatible with varnish, solvent wax, and emulsion wax topcoats (ASTM D 1546).

<u>Quantitative requirements</u>	<u>Limits</u>	<u>ASTM Test Method</u>
Viscosity, bubble tube	C max	D 1545
Nonvolatile, percent mass of sealer	40 min	D 2369
Drying time, set-to-touch, hours	1 - 2	D 1640
Dry free from after tack, hours	4 1/2 max	D 1640
Color, Gardner color standard	13 max	D 1544
Flash point, °C (°F)	38 min (100)	D 3278
Lead, percent mass of nonvolatile	0.06 max	D 3335

The issues of the ASTM standards in effect on the date of the solicitation shall be used to determine compliance with these requirements.

Regulatory requirements. The offeror/contractor is encouraged to use recovered materials in accordance with Public Law 94-580 to the maximum extent practicable.

Preservation, packaging, packing, labeling, and marking. The preservation, packaging, packing, labeling, and marking shall be as specified in the contract or order.

NOTES: ASTM standards are available from the American Society for Testing and Materials, 1916 Race Street, Philadelphia, PA 19103.

1/ Information may be obtained from the South Coast Air Quality Management District, 9150 Flair Drive, El Monte, CA 91731.

2/ Prepare test films by flow-coating the sealer on tinplate panels and drying vertically 48 hours at room temperature. The half of the panel uppermost during drying shall be immersed.

THE COMMERCIAL ITEM CERTIFICATION CLAUSE IS NOT REQUIRED WHEN THIS COMMERCIAL ITEM DESCRIPTION IS USED FOR PROCUREMENT.

CIVIL AGENCY INTEREST

COM - NBS
HHS - NIH
VA - OSS

PREPARING ACTIVITY

GSA - FSS