

COMMERCIAL ITEM DESCRIPTION

REMOVER, FLOOR POLISH (POLYMER-TYPE and WAX)

The General Services Administration has authorized the use of this commercial item description in preference to Federal Specification P-R-1760.

This description covers a liquid compound which will remove water emulsion floor finish and floor wax from impermeable floor surfaces.

Salient characteristics.

Material. The compound shall be a homogeneous, free-flowing liquid. Upon application, it shall form a uniform layer or sheet of liquid without beading or puddling.

Ammonia. The compound shall contain no volatile ammonia when tested as follows: Mix 2 ml. of compound with 10 ml. of 10-percent sodium hydroxide. Distill and catch the distillate (1-2 ml.) in a tube containing 5 ml. of ammonia-free distilled water. Add a few ml. of Nessler's reagent to the tube containing the distillate. A brown color indicates ammonia. Yellow or white colors indicate volatile amines and are not cause for rejection.

Removal efficiency. The compound shall completely remove the standard floor finish (P-F-430) and the standard floor wax (P-W-155) when tested in accordance with ASTM D 1792 and the following exceptions:

- (1) The compound, in a 1:12 solution with distilled water, shall be used in place of the stripper solution.
- (2) The diluted compound shall have a 5-minute presoak on the substrate.
- (3) The total number of oscillations required for complete removal shall be not more than 50.
- (4) The substrate shall be coated with the standard floor finish and wax (see notes).

Deleterious action. Commercial vinyl-asbestos (reinforced vinyl) and asphalt tile surfaces shall not soften, swell, blister, crack, pit, change color, or be affected by solvent when tested as follows: Prepare 2x4x1/8 inch test coupons from asphalt and vinyl asbestos tile. Place coupons in separate 250 ml. beakers and add 150 ml. of compound, in a 1:12 solution to each beaker. Prepare the 1:12 solution by adding 50 ml of compound to 600 ml. of distilled water. Allow to stand 4 hours at room temperature (22-26 °C), rinse thoroughly with distilled water and allow to dry one hour at room temperature. Examine the dry coupons and residual solution for evidence of deleterious action.

Odor. The compound shall have no objectionable odor, nor shall it develop an objectionable odor in water solutions, in use, or when stored in the original container.

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

NOTES.

The standard samples are available at cost in 1-gallon containers. Inquiry should be addressed to the Director, Commodity Management Division, Federal Supply and Services, General Services Administration, Washington, DC 20406.

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

MILITARY INTEREST:

None

CIVIL AGENCY COORDINATING ACTIVITIES:

GSA - FSS, PBO
HHS - FDA
NASA - JFK
VA - OSS

PREPARING ACTIVITY:

GSA - FSS