



**VARATHANE®
SOFT TOUCH POLYURETHANE**

DESCRIPTION AND USES

Varathane® Soft Touch Polyurethane is an acrylic polyurethane formulated to provide a soft, smooth feel to the coating surface. The matte finish protects against smudges and fingerprints. The specially designed water-based formula provides excellent scratch and stain resistance. It provides fast dry times as well as the convenience of easy soap and water clean-up. It is ideal for all interior wood surfaces including furniture, doors, trim, and more. Not recommended for outdoor surfaces or floors.

PRODUCTS

SKU	DESCRIPTION (Matte Finish)
273902	236 mL
273901	946 mL

PRODUCT APPLICATION

SURFACE PREPARATION

Previously Finished Surfaces – To ensure proper adhesion, surfaces must be clean, dry, and free of wax, grease, oil, shellac, lacquer, mildew, and polishes. Remove wax with a wax stripper, shellac with a paint stripper, and mildew with a solution of 10% household bleach and water. Old finishes in poor condition should be removed. Sand using 120-220 grit sandpaper to obtain a smooth surface. Do not use steel wool as rust may develop after the finish has been applied. Remove all sanding dust using a vacuum, tack cloth, or a clean, lint-free cloth.

Unfinished Surfaces – Sand using 120-220 grit sandpaper and remove all sanding dust using a vacuum, tack cloth, or rag dampened with mineral spirits. If a filler or putty is used, make sure it does not contain wax allow enough time for it to dry thoroughly.

Stained or Painted Wood – For best results, use Varathane Premium Stains or Varathane Premium Fast Dry Stains prior to using Varathane Soft Touch Polyurethane. Follow the stain manufacturer’s recommendations before coating with Polyurethane. Apply Varathane Soft Touch Polyurethane directly over thoroughly cured stain. Test a sample for product compatibility.

PRODUCT APPLICATION (cont.)

SURFACE PREPARATION (cont.)

WARNING! If you scrape, sand or remove old paint, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to www.epa.gov/lead.

APPLICATION

Stir thoroughly before and during use. Varathane Interior Matte Polyurethane appears milky when wet but dries to a clear finish. Do not apply in direct sunlight. Use in an area with adequate ventilation such as an open garage. Apply only when air (ambient) temperature is between 16-32°C (60-90°F) and relative humidity is below 85%. Use full strength. Do not thin. To prevent bubbles in the finish, **DO NOT SHAKE** and do not over-brush, or apply with a roller.

Apply using a good quality synthetic bristle brush, foam brush, or applicator. Apply in the direction of the wood grain in a smooth uniform coat. Allow the finish to dry 2 hours before re-coating. Lower temperatures and/or higher humidity may cause slower dry times. Re-coat only when previous coats have dried clear and feel hard. The coating should no longer feel tacky to the touch. Apply a second coat after 2 hours. Do not apply more than 2 coats in 24 hours. Sanding between coats is not required. A minimum of three coats is recommended. If wood grain raises, sand smooth before applying the final coat. Allow the finish to dry 48 hours before moderate use. Allow 7 days before subjecting the surface to normal usage.

CLEAN-UP

Clean application tools and equipment with soap and water.



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PHYSICAL PROPERTIES

		SOFT TOUCH POLYURETHANE
Resin		Acrylic Urethane
Pigment Type		NA
Solvents		Water
Weight	Per Gallon	8.50 lbs.
	Per Liter	1.03 kg
Solids	By Weight	25.4%
	By Volume	24.8%
Volatile Organic Compounds		<250 g/l (<2.08 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		1.0-2.0 mils (25-50µ)
Wet Film to Achieve DFT (unthinned material)		4.0-8.0 mils (100-200µ)
Practical Coverage at Recommended DFT (assumes 15% material loss)		(2.5-3.7 m ² /l) 100-150 sq.ft./quart
Dry Times at 21-27°C (70-80°F) and 50% Relative Humidity	Touch	1 hour
	Handle	2 hours
	Recoat	2 hours
Shelf Life		3 years
Flash Point		93°C (>200°F)
Safety Information		For additional information, see SDS

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