



**VARATHANE®
SPAR URETHANE**

DESCRIPTION AND USES

Varathane® Premium Spar Urethane is designed to provide excellent protection for all your wood projects. Varathane Premium Spar Urethane is formulated to provide protection from UV light and weather. It is ideal for all types of outdoor projects, including fences, railings, patio furniture, house trim, and boats (above the water line). It is not recommended for decks or high traffic areas, siding, or rough-sawn surfaces.

PRODUCTS

SKU	DESCRIPTION (1-Gallon)
9232	Gloss
9432	Semi-Gloss
9332	Satin

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 up to 10% household bleach and water. Old finishes in poor condition must be removed by sanding using 120-150 grit sandpaper. Sand to obtain a smooth surface. Remove all sanding dust using a vacuum or cloth dampened with mineral spirits.

STAINED OR PAINTED WOOD

Follow manufacturer's directions for application of stain or paint. Make certain surface is thoroughly dry before applying Varathane Premium Spar Urethane.

UNFINISHED SURFACE PREPARATION - Sand smooth using 120–150 grit sandpaper and remove all sanding dust with a vacuum or cloth dampened with mineral spirits. If a filler or putty is used, make sure that it does not contain wax and allow enough time for it to dry thoroughly.

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.

PRODUCT APPLICATION (cont.)

TESTING

Test Varathane Premium Spar Urethane in an inconspicuous area before beginning. Testing is particularly important when applying over paints or stains as the appearance of these products may change slightly when an oil-based finish is applied.

APPLICATION

Use with adequate ventilation at all times. Do not apply in direct sunlight. Apply only when air (ambient) temperature is between 55-90°F (13-32°C) and the relative humidity is below 85%. Slower dry times may result from applications on Redwood, Cedar or woods with a high oil content, use of stain or sealer, or periods of high humidity. Use care when applying over white or pastel paints or stains as discoloration may occur. To prevent bubbles in the finish, **DO NOT SHAKE**, do not over-brush or apply with a roller.

Use full strength. Do not thin. Stir thoroughly before and during use. Apply using a good quality, natural bristle brush or applicator. Allow the finish to dry 4 hours before re-coating. Lower temperatures and/or high humidity may cause slower dry times. Re-coat only when previous coats have dried clear and feel hard (no longer tacky to touch). If any coat has dried more than 12 hours, lightly sand before re-coating. Apply additional coats following directions above. A minimum of 3 coats is recommended. Allow finish to dry 24 hours before light use. Wait 3 days before subjecting surface to normal usage.

CLEAN-UP

Clean application tools and equipment with mineral spirits or paint thinner. Dispose of properly. For disposal guidance of unused amounts, contact your local or state government environmental control agency.

	TECHNICAL DATA	VAR-16
	VARATHANE® SPAR URETHANE	

PHYSICAL PROPERTIES

		SPAR URETHANE
Resin Type		Linseed Oil Modified Alkyd
Pigment Type		None
Solvents		Mineral Spirits, Primary Amyl Alcohol, Xylene
Weight	Per Gallon	7.5-8.2 lbs.
	Per Liter	0.98-1.0 kg
Solids	By Weight	53.3-61.6%
	By Volume	48.0-55.7%
Volatile Organic Compounds		350 g/l (2.91 lbs./gal.)
Recommended Dry Film Thickness (DFT) Per Coat		1.0-1.5 mils
Wet Film to Achieve DFT (unthinned material)		2.0-3.0 mils
Practical Coverage at Recommended DFT (sq.ft./gal) (assumes 15% material loss)		600-700 sq. ft./gal. (14.8-17.2 m ² /l)
Dry Times at 70-80°F (21-27C) and 50% Relative Humidity	Touch	2 hours
	Recoat	4 hours
	Light Use	24 hours
Shelf Life		3 years
Flash Point		100°F (93°C)
Safety Information		For additional information, see SDS

The technical data and suggestions for use contained herein are correct to the best of our knowledge, and offered in good faith. The statements of this literature do not constitute a warranty, express, or implied, as to the performance of these products. As conditions and use of our materials are beyond our control, we can guarantee these products only to conform to our standards of quality, and our liability, if any, will be limited to replacement of defective materials. All technical information is subject to change without notice.



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Form: GDH-642
 Rev.: 102721