

## TECHNICAL DATA SHEET

### OLD MASTERS<sup>®</sup> SPAR-MARINE VARNISH

AVAILABLE SIZES: Spray (10), Pint (08), Quart (04) and Gallon (01)

PRODUCT CODES: 923 Satin  
924 Gloss  
925 Semi-Gloss

**PRODUCT DESCRIPTION:** Old Masters<sup>®</sup> Exterior Oil-Based Spar-Marine Varnish is a durable exterior coating. This product can be used on wood, fiberglass, coated metal or painted surfaces. It contains Ultra Violet Absorbers for advanced sun protection. Use on exterior surfaces such as fences, railings, lawn furniture, doors, boats and marine surfaces. For interior use on windowsills and door frames for added Ultra Violet protection.

As with all exterior clear finishes, this product will not offer unlimited protection against the elements. Surfaces which receive direct sunlight may have to be re-coated annually to maintain gloss and to prevent cracking and peeling.

**SURFACE PREPARATION:** All surfaces must be clean, dry and free from dirt, wax, grease, glue and other contaminants or penetration and adhesion will be affected.

**Bare Wood:** Sand surface thoroughly with medium grit sandpaper and progress to fine grit sandpaper. Always sand in the direction of the wood grain. Remove dust with a tack rag.

**Previously Finished Surfaces:** Surface should be sanded to remove imperfections and gloss, using extra fine sandpaper (220 grit), sanding with the grain. Remove dust with a tack rag.

**Stained Surfaces:** Stain must be thoroughly dry before applying clear finish. Do not sand uncoated stained surface.

Note: If a sealer is desired, we recommend Old Masters<sup>®</sup> Penetrating Sealer.

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](http://www.epa.gov/lead).

**APPLICATION:** Stir thoroughly before and during application. DO NOT SHAKE. Do not apply in direct sunlight or areas of extreme air movement.

1. Apply with pure bristle or polyester brush, flat pad or spray.
2. Apply in full, even coats. Flow on with minimum brushing to achieve a glass-like finish.
3. Spar-Marine Varnish will dry to touch in 4 to 6 hours. Under ideal drying conditions, allow 8 to 16 hours before recoating. Overnight drying is recommended.
4. Sand lightly between coats with fine sandpaper (220 grit) to produce a finer finish and promote adhesion. If sandpaper gums up allow more dry time. Remove sanding dust.
5. Reapply. For exterior surfaces, a minimum of three coats should be applied.

Note: DO NOT varnish before morning dew has evaporated or two hours before sunset. Avoid varnishing on damp, humid days. Keep work area as dust free as possible until finish has thoroughly dried. A slight ambering effect may occur over light colored surfaces.

**THINNING:** Do not thin. Use as packaged.

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**COVERAGE:** Approximately 500 square feet per gallon. Coverage will vary significantly depending on application method and condition of wood.

**DRYING TIME:** Apply when air and surface temperatures are between 60° and 90°F and humidity is between 30% and 70%. At 50% relative humidity and 70°F, Spar-Marine Varnish will dry to touch in 4 to 6 hours. Under ideal drying conditions, allow 8 to 16 hours before recoating. Overnight drying is recommended. Drying time will be affected by temperature, humidity and film thickness. Protect product from freezing prior to and during application.

Wait 24 hours before subjecting surfaces to light use. Care should be used during the first week after application as the finish is curing to its ultimate hardness.

**CLEAN UP:** Using a cleaning solvent, such as paint thinner or mineral spirits, is recommended for cleanup. The use of paint thinners or mineral spirits may violate VOC compliancy in your area. Check with your local government agencies to ensure proper compliancy.

To avoid spontaneous combustion during temporary storage, soak soiled rags and waste immediately after use in a water-filled, closed metal container.

**MAX VOC:** 450 grams/liter (3.8 lbs/gal)

### TECHNICAL DATA

<b>GLOSS:</b>	@ 60° Satin 25 to 30 Gloss 92 Semi-Gloss 45 to 50	<b>RECOMMENDED DFT PER COAT:</b>	2 to 3 mils DFT
<b>SOLIDS BY WEIGHT:</b>	Satin 52% Gloss 48.4% Semi-Gloss 49.8%	<b>WEIGHT PER GALLON:</b>	7.51-7.79 LBS
<b>SOLIDS BY VOLUME:</b>	Satin 42.4% Gloss 41.5% Semi-Gloss 41.6%	<b>FLASH POINT:</b>	102°F Tag Closed Cup
<b>V.O.C.:</b>	450 grams/liter	<b>VISCOSITY AT 77 °:</b>	Satin 25 to 30 sec. #4 Ford Cup Gloss 25-30 sec. #4 Ford Cup Semi-Gloss 35 to 45 sec. #4 Ford Cup
<b>THEORETICAL COVERAGE @ Mil DFT:</b>	Satin 680 sq. ft. per gal Gloss 666 sq. ft. per gal Semi-Gloss 667 sq. ft. per gal	<b>AVERAGE DRY TIME @ 70°F AND 50% R.H.:</b>	Approximately 4 to 6 hours.
<b>COVERAGE @ RECOMMENDED DFT</b>	Satin 250 to 350 sq. ft. per gal Gloss 250 to 350 sq. ft. per gal Semi-Gloss 200 to 325 sq. ft. per gal	<b>VEHICLE:</b>	Oil/Varnish
		<b>RECOMMENDED THINNER:</b>	Do not thin. Used as packaged.

Limited Warranty Since Old Masters® does not control the application of its products, nor is the condition of the surface to which they are applied, a Limited Warranty provided. If the products do not perform as specified, for whatever reason, Old Masters® liability will under no circumstances exceed the replacement of the product.