

## TECHNICAL DATA SHEET

### OLD MASTERS® OIL-BASED POLYURETHANE

AVAILABLE SIZES: Spray (10), Half Pint (16), Pint (08), Quart (04) and Gallon (01)

PRODUCT CODES: 494 Gloss  
495 Semi-Gloss  
496 Satin

**PRODUCT DESCRIPTION:** Old Masters® Interior Oil-Based Polyurethane is a clear finish designed to protect the beauty of interior surfaces. Easy application and quick drying, this polyurethane will provide lasting, durable protection from abrasion, marring, chipping, alcohol and water. Great for use on interior wood surfaces such as floors, bars, counters, tabletops, cabinets, wood paneling and doors. This product is non-toxic when dry.

**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. DO NOT apply over sealers containing stearates.

**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 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:** When paste wood fillers are used, remove excess material by sanding. To create a finer topcoat finish, we highly recommend Old Masters® Oil-Based Sanding Sealer be applied prior to the application of a clear topcoat. Apply sealer, allow to thoroughly dry, lightly sand and remove dust.

**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. For larger projects requiring more than one container, combine containers and mix to ensure gloss uniformity. Test the finish on an inconspicuous part of the surface prior to finishing to ensure adequate adhesion. Do not apply in direct sunlight or areas of extreme air movement.

1. Apply with pure bristle or polyester brush, flat pad or spray. A lambswool applicator may be used for large flat areas.
2. Apply in full, even coats in the direction of the grain. Flow on with minimum brushing to achieve a glass-like finish. For wood floors, use a lambswool or synthetic pad applicator or a natural bristle brush and maintain a wet edge to avoid lap marks. Keep area dust free.
3. Polyurethane will dry to touch in 3 hours. Under ideal drying conditions, allow 6 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. Two coats are recommended; however, for high traffic areas or abrasive conditions, more coats should be applied.

## TECHNICAL DATA SHEET

### OLD MASTERS<sup>®</sup> OIL-BASED POLYURETHANE

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

**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, Interior Oil-Based Polyurethane will dry to touch in 3 hours. Under ideal drying conditions, allow 6 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. In floor applications, avoid heavy traffic and replacing of furniture for 72 hours after the final coat. When replacing furniture, do not slide. Do not install rugs or clean floors for 7 days.

**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° Gloss 92 Semi-Gloss 50 Satin 20 to 25	<b>RECOMMENDED DFT PER COAT:</b>	11/2 Mils DFT
<b>SOLIDS BY WEIGHT:</b>	Gloss 49.3% Semi-Gloss 50.2% Satin 50.6%	<b>WEIGHT PER GALLON:</b>	7.5-7.6 lbs
<b>SOLIDS BY VOLUME:</b>	Gloss 42.4% Semi-Gloss 42.2% Satin 42.3%	<b>FLASH POINT:</b>	102°F Closed Cup
<b>V.O.C.:</b>	450 grams/liter	<b>VISCOSITY AT 77 °:</b>	Gloss 52-56 sec. #2 Zahn Cup Semi-Gloss 30 to 35 sec. #4 Ford Cup Satin 30 to 35 sec. #4 Ford Cup
<b>THEORETICAL COVERAGE @ Mil DFT:</b>	Gloss 679 sq ft/gal Semi-Gloss 677 sq ft/gal Satin 678 sq ft/gal	<b>AVERAGE DRY TIME @ 70°F AND 50% R.H.:</b>	Approximately 3 hours
<b>COVERAGE @ RECOMMENDED DFT</b>	Gloss 350 to 450 sq ft/gal Semi-Gloss 350 to 450 sq ft/gal Satin 350 to 450 sq ft/gal	<b>VEHICLE:</b>	Oil/Urethane
		<b>RECOMMENDED THINNER:</b>	Do not thin. Used as packaged.

Limited Warranty Since Old Masters<sup>®</sup> 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<sup>®</sup> liability will under no circumstances exceed the replacement of the product.