



**SHERWIN
WILLIAMS.**

106.02

WOOD CLASSICS[®]

Polyurethane Varnish

A67V00001 Gloss
A67F00001 Satin

As of 04/28/2017, Complies with:			
OTC	No	LEED [®] 09 NC, CI	No
OTC Phase II	No	LEED [®] 09 CS	No
SCAQMD	No	LEED [®] 09 H&S	No
CARB	No	LEED [®] V4 Emissions	No
CARB SCM2007	No	LEED [®] V4 VOC	No
Canada	No	MPI	Yes

CHARACTERISTICS

The **Wood Classics System** is designed for use on architectural wood in commercial, institutional, and residential new construction and also for refinishing.

Wood Classics Polyurethane Varnish provides a rich, even finish with excellent durability, abrasion resistance, and resistance to many household spills.

Color: Clear Amber

Coverage: 350 - 400 sq ft/gal
@ 4 mils wet; 1.4 to 1.7 mils dry

Drying Time, @ 77°F, 50% RH:

Touch: 2 hours

To Sand: 8-10 hours

Scuff sand: overnight

Aggressive sanding: overnight

Recoat: after 12 hours and before 48

Dry to use/service:

Light Traffic 24 hours

Heavy Traffic 3 days

Drying and recoat times are temperature, humidity, and film thickness dependent

Finish: Gloss 80+ units @ 60°

Satin 20-30 units @ 60°

Vehicle Type: Polyurethane Alkyd

A67V00001 Gloss

Flash Point: 117°F PMCC

VOC (less exempt solvents):

447 g/L, 3.73 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 43 ± 2%

Weight Solids : 49 ± 2%

Weight per Gallon: 7.38 lb

A67F00001 Satin

Flash Point: 105°F PMCC

VOC (less exempt solvents):

493 g/L, 4.11 lb/gal

As per 40 CFR 59.406 and SOR/2009-264, s.12

Volume Solids: 36 ± 2%

Weight Solids : 43 ± 2%

Weight per Gallon: 7.29 lb

SPECIFICATION

Suggested system:

Tough, Abrasion Resistant

1st: Wood Classics Stain (optional)

2nd: Wood Classics Polyurethane Varnish

3rd: Wood Classics Polyurethane Varnish

Shading with Wood Classics Stain:

Base oz/gal Strength

Clear 0-2 not controlled

Tinting with Blend-A-Color Toner:

Base oz/gal Strength

Clear 0-1 not controlled

White or light colors

When used over a white or very light stain color this product will impart a slight yellow cast to the final appearance.

SURFACE PREPARATION

WARNING! Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (**NIOSH** approved) and proper containment and cleanup. For more information, call the National Lead Information Center at **1-800-424-LEAD** (in US) or contact your local health authority.

Wood must be dry and cleaned of dirt, grease, wax, polish, and marks. Old finishes in poor condition should be completely removed and the surface treated as a new surface. Recognize that any surface preparation short of total removal of the old coating may compromise the service length of the system.

New wood should be stored inside for a minimum of 24 hours prior to staining. Stain or varnish applied to wood that has not been dried thoroughly can exhibit blotching, discoloration, or cracking.

Sand wood to a smooth surface using 100-120 grit paper. Remove sanding dust with a vacuum or tack cloth.

Avoid sanding wood that has only stain on it, sanding will remove some of the stain creating an uneven appearance.



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<u>APPLICATION</u>	<u>APPLICATION</u>	<u>CAUTIONS</u>								
<p>Tips: The information, data, and recommendations set forth in this Product Data Sheet are based upon test results believed to be reliable. However, due to the wide variety of substrates, substrate properties, surface preparation methods, equipment and tools, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.</p> <p>Surface to be finished must be free from dirt or other foreign matter.</p> <p>Natural wood will change color by itself and clear wood finishes will not keep this from occurring.</p>	<p>Be sure the temperature is above 50°F, and the humidity is below 85%. Do not shake. Stir Satin gently during use.</p> <p>No reduction necessary.</p> <p>Brush—Use a natural bristle brush. Brush out evenly, avoid unnecessary brushing into already coated areas. Avoid over-brushing which causes bubbling.</p> <p>Spray—Airless Pressure 2000 psi Tip008" - .013"</p> <p>Spray—Conventional Air Pressure 50 psi Fluid Pressure 10-20 psi Cap/Tip 704/FF</p> <p>HVLP Unit Graco 3800 or 4900 Gun960 Tip 1.4 -1.6 mm</p> <p>Staining may raise the grain of the wood, developing a slight texture. After the first coat of varnish is applied, if sanding is needed to eliminate this texture, allow overnight drying before sanding. Very lightly scuff sand between coats using 180 or finer grit sandpaper.</p> <p>Although not as effective as sandpaper, and synthetic abrasive pads may be used for very light sanding. If aggressive sanding is required, allow the varnish to dry overnight.</p> <p>Remove sanding dust with a vacuum or tack cloth.</p> <p>After the last coat of varnish is applied, allow overnight drying before using the varnished item. For floors, allow to dry 24 hours for light foot traffic and 3 days for heavy wear areas.</p>	<p>For interior use only. Limited durability on surfaces exposed to direct sunlight, such as window sills. Not for use on surfaces continuously wet or under water. Not for use under vehicles (cars/trucks). Do not use over sanding sealers, peeling will occur.</p> <p>Before using, carefully read CAUTIONS on label.</p> <table border="0"> <tr> <td>HOTW</td> <td>04/28/2017</td> <td>A67V00001</td> <td>18 447</td> </tr> <tr> <td>HOTW</td> <td>04/28/2017</td> <td>A67F00001</td> <td>25 493</td> </tr> </table> <p><u>CLEANUP INFORMATION</u></p> <p>Clean spills, spatters and tools immediately after use with compliant cleanup solvent. Follow manufacturer's safety recommendations when using solvents.</p> <p>DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations.</p> <p>The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of The Sherwin-Williams Company. Such information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Sherwin-Williams representative or visit www.paintdocs.com to obtain the most current version of the PDS and/or an SDS.</p>	HOTW	04/28/2017	A67V00001	18 447	HOTW	04/28/2017	A67F00001	25 493
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