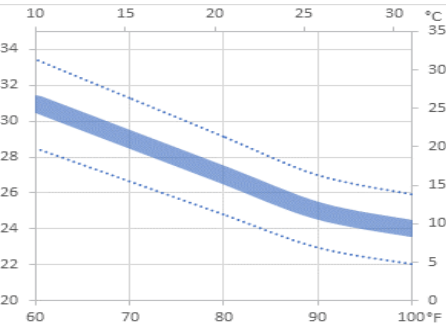




**SHERWIN  
WILLIAMS.**

## SHER-WOOD® Pro 550 Hi-Bild™ Self Seal Lacquer

Clear Satin ..... T70FT0008

DESCRIPTION	CHARACTERISTICS	SURFACE PREPARATION												
<p><b>SHER-WOOD® Pro 550 Hi-Bild™ Self Seal Lacquer</b> is a clear nitrocellulose lacquer for use on a variety of interior wood products. This self sealing lacquer is fast drying and provides quick film build with good film clarity and comes ready-to-spray. Typical end uses include interior wood products such as trim, doors, furniture, novelties and architectural millwork.</p> <p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• Designed to be used as a sealer and finish in one.</li> <li>• Fast air drying</li> <li>• Quick build - Higher build with fewer passes.</li> <li>• No critical recoat time</li> <li>• Versatile - Can be applied by airless, HVLP and conventional spray equipment.</li> </ul> <p><b>Air Quality Data:</b></p> <ul style="list-style-type: none"> <li>• Non-photochemically reactive</li> <li>• Volatile Organic Compounds (VOC) Theoretical as packaged, maximum, less exempt solvents: 4.58 lb/gal 549 g/L</li> <li>• Volatile Hazardous Air Pollutants (VHAPS) as packaged, maximum: No reportable VHAPS</li> </ul> <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility or at <a href="http://www.paintdocs.com">www.paintdocs.com</a>.</p> <p>VOC compliance limits vary from state to state; please consult local Air Quality rules and regulations.</p>	<p><b>Color:</b> Clear</p> <p><b>Gloss @ 60° angle (measured on black glass):</b></p> <p><b>Satin:</b> 25-35 units</p> <p><b>Volume Solids:</b> 23 ± 1%</p> <p><b>Weight Solids:</b> 31 ± 2%</p> <p><b>Viscosity:</b> 28-33 seconds Zahn #2</p>  <p><i>The above chart is for information only and should not be used as product specifications</i></p> <p><b>Recommended film thickness:</b></p> <p><b>Per Coat</b></p> <table border="0"> <tr> <td>Mils Wet</td> <td>4.0 - 5.0</td> </tr> <tr> <td>Mils Dry</td> <td>0.9 - 1.1</td> </tr> </table> <p><b>Total film thickness of system must not exceed 4.0 mils DFT.</b></p> <p><b>Spreading Rate</b> (no application loss) 364 sq ft/gal @ 1 mil-DFT</p> <p><b>Drying</b> (1.0 mils dft, 77°F, 50% RH): To</p> <table border="0"> <tr> <td>Touch:</td> <td>10 minutes</td> </tr> <tr> <td>To Handle:</td> <td>15-20 minutes</td> </tr> <tr> <td>Tack Free:</td> <td>1 hour</td> </tr> <tr> <td>To Recoat:</td> <td>30 minutes</td> </tr> </table> <p><b>Package Life:</b> 36 months, unopened</p> <p><b>Flash Point:</b> 37°F PMCC</p>	Mils Wet	4.0 - 5.0	Mils Dry	0.9 - 1.1	Touch:	10 minutes	To Handle:	15-20 minutes	Tack Free:	1 hour	To Recoat:	30 minutes	<p><b>WARNING!</b> 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 <b>1-800-424-LEAD</b> (in US) or contact your local health authority.</p> <p><b>Wood—Interior only</b></p> <p>All finishing lumber shall be stored on the premises in dry, warm rooms to prevent absorption of moisture, shrinkage, and roughening of the wood. All surfaces shall be sanded smooth, with the grain, and never across it. Must be clean, dry, and finish sanded. Substrate should be free of grease, oil, dirt, fingerprints, and any contamination to ensure optimum adhesion and coating performance properties. Moisture content of wood should be 6 to 8%. Surface blemishes shall be corrected and the room cleaned of dust before proceeding with finishing coats. Finishes shall be lightly sanded between coats.</p> <p><b>Testing:</b> 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>
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## APPLICATION

For optimal results, it is recommended to apply this product at room temperature. Surface and ambient temperatures must be above 50°F at the time of application.

### May be applied by:

Airless Spray  
Conventional Spray  
HVLP Spray

**Reduction:** This product is normally applied without reduction. If reduction is needed to optimize application, use up to 2- 5% Acetone R6K9 to maintain VOC. HAPS Compliant Lacquer Thinner (R7K320) can also be used, but will raise VOC and may not be available in some areas.

**Retard:** To retard or slow down dry for better flow and to help eliminate blushing, use Oxsol 100 at 2-5% to maintain VOC. MAK (R6K30) or 2-Butoxyethanol (R6K25) at 1% maximum may also be used, but will raise VOC and may not be available in some areas.

### Typical Setups

#### Airless Spray:

Pressure ..... 1500 - 1800 psi  
Tip ..... .011" - .013"

#### Conventional Spray:

Air Pressure..... 40 – 50 psi  
Fluid Pressure ..... 8 – 12 psi

#### HVLP:

Gun.....Binks Mach 1  
Air Pressure at the cap ..... 9 psi  
Fluid Pressure ..... 12 psi  
Cap/Tip..... 97AP Blue Max/94

#### Cleanup:

Clean tools/equipment immediately after use with R7K320 HAPS Compliant Lacquer Thinner.

Follow manufacturer's safety recommendations when using any solvent.

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## ADDITIONAL INFORMATION

- Interior use only.
- To achieve optimal performance properties a minimum of 2 mils DFT is required.
- Total film thickness of systems must not exceed 4.0 mils dry film because heavier films may show cracking and checking tendencies.
- Customer urged to pretest system under normal application conditions.
- Surface to be finished must be free from dirt or other foreign matter.
- Under humid conditions use Oxsol 100 to eliminate blushing. Such drying conditions will lengthen time to harden.
- Agitate package contents, especially before using.
- Natural wood will change color by itself and clear wood finishes will not keep this from occurring.
- This finishing lacquer and all other nitrocellulose based lacquers will yellow over time. With wood tone stains, this yellowing actually makes a warmer, softer appearance. Where white stains, pickled finishes, or white basecoats are used, nitrocellulose lacquer should not be used because of the yellowing of the sealer and topcoat may be considered objectionable. In these situations,
- Sher- Wood Vinyl Sealer, T67F3 or T67F6 and the use of Sher-Wood CAB-Acrylic Lacquer as a finish is recommended because of its non-yellowing characteristics.

### Stain, Seal & Finish System:

**Stain** – Apply Sher-Wood BAC Wiping Stain to bare wood. Staining is an optional step and is not required. Reference corresponding data page (CC-F56) for instructions.

**Seal** - Spray a full wet coat (4.0 - 5.0 mils) of Sher-Wood Pro 550 Hi-Bild Self Seal Lacquer. Allow 30 minutes to dry.

**Sand** - After air drying for 30 minutes, sand with 320 grit paper. Remove all sanding dust, then topcoat.

**Topcoat** - Spray a full wet coat (4.0 - 5.0 mils) of Sher-Wood Pro 550 Hi-Bild Self Seal Lacquer. Apply an additional coat for more build or depth if desired. **Total dry film thickness of system must not exceed 4.0 mils DFT.**

## CAUTIONS

### FOR PROFESSIONAL USE ONLY

**Thoroughly review product label and Safety Data Sheet (SDS) for safety information and cautions prior to using this product.**

To obtain the most current version of the Environmental Data Sheet (EDS), Product Data Sheet (PDS), or Safety Data Sheet (SDS) please visit your local Sherwin-Williams facility or [www.paintdocs.com](http://www.paintdocs.com).

Please direct any questions or comments to your local Sherwin-Williams facility.

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Please review these terms and conditions prior to each purchase and/or use of the products.

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