



**SHERWIN  
WILLIAMS.**

# Product Finishes

CC-F74

## SHER-WOOD® WB-S Stain

Clear ..... S67TH507  
 Custom Blend ..... S67WX Series

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>
<p><b>Sher-Wood® WB-S Stain</b> is designed to be used with D64-Sher-Wood Water Base Dispersions for custom spray no wipe stains colors. It offers a uniform appearance on solid and veneer wood applications. It can be used under solvent and water base clears, as well as water reducible UV.</p> <p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• VOC as packaged &lt;0.50 lb/gal, 60 g/L</li> <li>• Water reducible*</li> <li>• Fast dry</li> <li>• Uniform appearance</li> <li>• Minimal to no grain raise</li> <li>• Excellent clarity with colors</li> <li>• Good color retention</li> </ul> <p>*To ensure optimal coating performance and stability, it is recommended to use deionized water for reduction.</p>	<p><b>Weight /Gallon</b> 8.35</p> <p><b>Volume Solids:</b> 3.5%</p> <p><b>Weight Solids:</b> 4.0%</p> <p><b>Viscosity:</b> 7-11 Seconds # 4 Ford Cup</p> <p><b>Drying (77°F, 50% RH):</b>      To Touch: 5 minutes      To Handle: 10 minutes      Tack Free: 15 minutes      To Recoat: no critical recoat      To Topcoat: 20 min.      To Pack: overnight      Force Dry: 8 min. @ 130 °F</p> <p><b>Package Life:</b> 1 year, unopened  <b>Storage:</b> Store inside - Protect from freezing</p> <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, less water and exempt solvents &lt;0.50 lb/gal, 60 g/L</li> <li>• Volatile Hazardous Air Pollutants (VHAPS) as packaged, no reportable VHAPS</li> </ul> <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility.</p>	<p><b>Surface Preparation:</b>  <b>Wood:</b> Various hardwoods and veneers. Surface must be clean, dry, finish sanded and dust free to obtain optimum performance. Moisture content should be 6-8%.</p> <p><b>Spray Stain Color Development:</b></p> <ul style="list-style-type: none"> <li>• S67TH507 must be tinted with D64 Water Base Dispersions at a rate of 5-10% by volume.</li> <li>• Maximum dispersion add is 25% by volume.</li> <li>• If needed when making stain colors, use water to reduce or S67TH507 clear to maintain VOC level.</li> </ul> <p><b>Testing:</b> Due to the wide variety of substrates, surface preparation methods and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.</p>

## APPLICATION

**Reduction: Apply full body. To ensure optimal coating performance and stability, it is recommended to use deionized water for reduction.**

### **Conventional Spray:**

Air Pressure ..... 15-25 psi  
Fluid Pressure..... 5-10 psi

### **Air Assisted Airless:**

Air Pressure ..... 15 – 20 psi  
Fluid Pressure..... 350-650 psi  
Cap/Tip ..... 0.006 – 0.009

### **HVLP:**

Air Pressure ..... 10-20 psi  
Fluid Pressure..... 6-12 psi  
Cap/Tip ..... 0.025-0.045

### **Dip:**

Excessive agitation or turbulence on part immersion or withdrawal may cause foaming.

### **Clean Up:**

Flush spray equipment completely with water or use a blend of 2 parts water and 1 part Butyl Cellusolve for clean up of material or equipment.

## ADDITIONAL INFORMATION

- Not recommended for exterior use.
- Must use stainless steel equipment
- Must not be exposed to freezing temperatures. Store inside.
- Wood surface after staining must be completely dry before sealer or top-coat can be applied.
- Constant agitation is recommended to maintain uniform color.
- Final color is influenced by wood type and substrate variations. Water reducible stains may appear very strong in color on soft wood. If color is too deep, reduce stain with water or stain base (consult your Sherwin-Williams technical service representative for reduction guidelines).
- Maintain uniform sanding specifications for color reproducibility.
- Agitate before use.

## CAUTIONS

### **FOR INDUSTRIAL SHOP APPLICATION**

Thoroughly review product label and Material Safety Data Sheet (MSDS) for safety and cautions prior to using this product.

A Material Safety Data Sheet is available from your local Sherwin-Williams facility.

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

**Note:** Product Data Sheets are periodically updated to reflect new information relating to the product. It is important that the customer obtain the most recent Product Data Sheet for the product being used. The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application which are not known or under our control, The Sherwin-Williams Company cannot make any warranties as to the end result.