



# Industrial Wood Coatings

CC-F30

## SHER-WOOD® Water Reducible Wiping Stain Concentrates

Black.....S64B530  
Burnt Sienna.....S64N536  
Burnt Umber.....S64N537

Clear.....S64T528  
Deep Red.....S64R535  
Red Oxide.....S64R533

White.....S64W531  
Yellow Oxide.....S64Y532  
Custom Blend.....S64WC Series

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>
<p><b>SHER-WOOD® Water Reducible Wiping Stains</b> are monochromatic, pigmented stains intended for the blending of custom stain colors which accent and highlight grain definition and the natural beauty of wood products.</p> <p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• VOC as packaged &lt;3.10 lb/gal, 370 g/L</li> <li>• Reduce 200% with water for ready-to- use stain; 100% for White*</li> <li>• Excellent re-wetting of stain even after 24 hours drying</li> <li>• May be used under all SHER-WOOD Sealer and Topcoat systems - both water and solvent based products</li> <li>• Meets the Federal HAPS rule for wood finishes as packaged**</li> <li>• Concentrated monochromatic colors</li> <li>• Clean colors attain rich wood tones</li> <li>• Durable colors - no color fade or bleeding</li> <li>• Excellent clarity - highlights wood grain</li> <li>• Good workability - 10 minutes open time</li> <li>• Apply by spray, dip, brush or cloth</li> <li>• Use as a spray stain with further reduction</li> <li>• Use to make shading lacquers and toners with SHER-WOOD Kem Aqua Lacquer</li> </ul> <p>*To ensure optimal coating performance and stability, it is recommended to use deionized water for reduction.</p> <p>**National Standards for Hazardous Air Pollutants (HAPS) Emissions for Wood Furniture Manufacturing Operations CFR40, Part 63, Subpart JJ</p>	<p><b>Volume Solids:</b> 14-22%</p> <p><b>Viscosity:</b> reduced 200% with water 10-15 seconds #4 Ford Cup</p> <p><b>Drying</b> (77°F, 50% RH): reduced 200% with water</p> <p><b>Working time:</b> Wipe within 10 minutes or before water flashes off. If it dries before wiping, just re-wet with stain and wipe.</p> <p><b>Recoat time:</b> 30 minutes after wiping. When sealing or top-coating with solvent based products, the stain must be thoroughly dry. Good air movement is important for water evaporation.</p> <p><b>Flash Point:</b> &gt;200°F Seta Flash Closed Cup</p> <p><b>Package Life:</b> 24 months, unopened</p> <p><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;3.10 lb/gal, 370 g/L</li> <li>• Volatile Hazardous Air Pollutants (VHAPS) as packaged, &lt;1.0 lb/lb solids</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><b>Surface preparation:</b></p> <p><b>Wood - New Work</b> (interior only): 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%.</p> <p><b>Previously finished wood</b> (interior only): Strip old finishes completely and remove all contaminants from the surface. Make sure surface is dry. Finish as new work.</p> <p><b>To shade Fillers and Lacquers:</b> Wiping Stain Concentrates may be added to Sher-Wood Kem Aqua Lacquer to make toners and shading lacquers. A maximum of 2 ounces per gallon should be added to the lacquer to obtain the desired color.</p> <p><b>Custom Color Stains:</b> Blend monochromatic stain concentrates to desired color. Use concentrate Clear, S64T528, to adjust color strength. Blend- A-Color colorants up to 8 oz./gallon are compatible for a wider color selection. Reduce 200% with water for a ready to use wiping stain. For a straight white, reduce White, S64W531, only 100% with water, more reduction will reduce color.</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>

## **APPLICATION**

### Typical Setups

#### **May be applied by:**

Conventional Spray  
Brush  
Sponge  
Cloth  
Dip

#### **Conventional Spray:**

Air Pressure..... 30-35 psi  
Fluid Pressure ..... 6-10 psi

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

#### **Application as a Wiping Stain**

If a lighter color is desired, reduce with water or wipe sooner. Spray a full wet coat. Remove excess stain by wiping using a circular motion with a soft cloth. For a deeper color, allow some of the solvent to flash off, up to 10 minutes maximum working time.

If wiping becomes difficult due to dryness of the stain, rewet with a cloth dipped in stain, then wipe again. Sealers or other wood finishing products may be applied 30 minutes after wiping. Wood surface must be dry before top-coating. Good air movement is necessary for best drying.

#### **Application as a Spray Stain**

For applications requiring a spray stain with no wiping, reduce 500-700% (1 part stain concentrate to 5 - 7 parts water, and spray a uniform coat. Atomization pressure of 6 to 10 psi is typical. Subsequent wood finishing products can be applied after 15 to 30 minutes drying.

#### **Cleanup:**

Clean tools/equipment immediately after use with water or a blend of ammonia and water.

Follow manufacturer's safety recommendations when using any solvent.

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## **ADDITIONAL INFORMATION**

- Agitation is recommended to maintain uniform color.
- Final color is influenced by wood type and substrate variations. Water reducible stain may appear very strong in color on soft wood. If color is too deep, reduce stain with water or allow less drying time before wiping.
- Maintain uniform sanding specification for color reproducibility.
- Not recommended for exterior use.
- When finishing Redwood, Red or White Oak, Cedar and other woods with water-based finishes, tannins may be extracted from the wood by the water and cause yellowing, staining, or discoloration of the stain, sealer, and/or topcoat. This tannin bleed is most evident with white or pickled stains and clear topcoats. Users are urged to thoroughly test the system under shop conditions.
- Do not expose to freezing temperatures. This product will not recover from any freeze/thaw cycles.

## **CAUTIONS**

### **FOR INDUSTRIAL SHOP APPLICATION 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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