



**SHERWIN  
WILLIAMS.**

# Chemical Coatings

# CC-F3A

## SHER-WOOD®

### Wiping Stain Concentrates

Black .....	S64B30
Green .....	S64G38
Blue .....	S64L39
Fruitwood .....	S64N23
Gilsonite .....	S64N44

Burnt Sienna .....	S64N36
Burnt Umber .....	S64N37
Raw Umber .....	S64N42
Van Dyke Brown .....	S64N45
Red Oxide .....	S64R33
Deep Red .....	S64R35

Brite Red .....	S64R40
Clear .....	S64T28
White .....	S64W31
Yellow Oxide .....	S64Y32
Brite Yellow .....	S64Y41
Raw Sienna .....	S64Y46

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>
<p><b>SHER-WOOD® Wiping Stain Concentrates</b> are highly pigmented stains intended to accent and highlight grain definition and natural beauty of wood products after being reduced with solvent.</p> <p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• Concentrated, reduce 4 times with solvents to make wiping stains</li> <li>• Intermix and reduce to obtain custom colors</li> <li>• Clean colors, attain rich wood tones</li> <li>• Durable colors, no color fade or bleeding</li> <li>• Excellent clarity</li> <li>• Good workability, up to 15 minutes open time</li> <li>• Versatile, apply by spray, dip, brush, or cloth</li> <li>• Use as a spray stain with further reduction</li> <li>• Use to shade Sher-Wood Natural Filler, D70T1</li> <li>• Use to make glazes</li> <li>• Use under all Sher-Wood sealer and topcoat systems</li> <li>• Low odor system based on Mineral Spirits</li> <li>• Meets the Federal HAPS rule for wood finishes as packaged*</li> <li>• Can be blended with V82V50 - Penetrating Oil (see CC-F31)</li> <li>• Free of lead hazards as packaged in compliance with Consumer Product Safety Commission's (CPSC) 16 CFR Chapter II: Subchapter B, part 1303.</li> </ul> <p>*National Standards for Hazardous Air Pollutants (HAPS) Emissions for Wood Furniture Manufacturing Operations CFR40, Part 63, Subpart JJ</p>	<p><b>Gloss:</b> none</p> <p><b>Volume Solids:</b> 14 - 56% varies by color</p> <p><b>Drying (77°F, 50% RH):</b> Reduced 400% with Mineral Spirits Working time: Wipe within 15 minutes or before stain flashes off.</p> <p>To Recoat: 30 minutes after wiping</p> <p>Force Dry: 5-15 minutes at 120°F, after wiping</p> <p><b>Flash Point:</b> 50-100°F Pensky-Martens Closed Cup</p> <p><b>Package Life:</b> 2 years, unopened</p> <p><b>Air Quality Data:</b> Non-photochemically reactive Volatile Organic Compounds (VOC) as packaged, less water, maximum 5.6 lb/gal, 672 g/L reduced 400% with mineral spirits: 6.3 lb/gal, 756 g/L Hazardous Air Pollutants (HAPS) as packaged, maximum less than 0.8 lbs per pound of solids</p> <p>An Environmental Data Sheet for each product is available from your local Sherwin-Williams facility.</p>	<p><b>Wood (interior only):</b> 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>Testing:</b> Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test the complete system for adhesion and compatibility prior to full scale application.</p> <p><b>Reducer Options</b> <b>HAPS Compliant</b> VM&amp;P Naphtha R1K3 - Fast Mineral Spirits R1K4 - Medium 140 Flash Aliphatic Naphtha R1K140 - Slow <b>Non-Compliant</b> Toluene R2K1 - Fast Xylene R2K4 - Medium 100 Flash R2K5 - Slow Typical Reductions For Wipe Stains: 1 part concentrate to 4-8 parts recommended reducer. For Spray Stains: 1 part concentrate to 15 to 25 parts recommended reducer.</p> <p><b>Application as a Wiping Stain</b> 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 15 minutes maximum working time. For a lighter color, reduce with solvent, or wipe sooner. If wiping becomes difficult due to dryness of the stain, rewet with a cloth dipped in stain, then wipe again. The stain may also be applied by brush, dipping, sponge, or cloth. Sealers or other wood finishing products may be applied 30 minutes after wiping.</p>

## SPECIFICATIONS

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

For applications requiring a spray stain with no wiping, reduce 1 part stain concentrate to 15 to 25 parts solvent. A typical blend would be 1 part Stain Concentrate, 4 parts Mineral Spirits, and 10 to 20 parts VM&P Naphtha. Spray a uniform coat. Sealers or other wood finishing products may be applied after 5 to 10 minutes drying.

### **To shade fillers**

Wiping Stain Concentrates may be used to make shaded fillers or shading lacquers. A maximum of 16 ounces of stain can be added to the filler or D70T1 to obtain the color or tint desired.

### **Gilsonite**

Gilsonite, S64N44, offers an attractive, transparent, reddish-brown stain appearance with good grain definition and depth.

### **Gilsonite as a Spray Stain**

Reduce Gilsonite approximately 1000% (a 1:10 ratio) with VM&P. This blend is very fast drying and cannot be wiped.

### **Gilsonite as a Wiping Stain**

To use in a wiping stain, Gilsonite must be blended with wiping stain clear, S64T28 or companion S64 concentrates. For example: blend 1 part S64N44 to 5 parts S64T28 and 5 parts mineral spirits.

### **Cleanup:**

Clean tools/equipment immediately after use with Mineral Spirits, VM&P Naphtha or HAPS Complying Lacquer Thinner, R7K320 or R7K322.

Follow manufacturer's safety recommendations when using any solvent.

## SPECIFICATIONS

### **Product Limitations:**

- Agitation is recommended to maintain uniform color
- Final color is influenced by substrate variations as well as topcoat gloss quality
- Maintain uniform sanding specifications for color reproducibility
- Not recommended for exterior use
- Customer should test stain and topcoating system on substrate under shop conditions
- Toluene, R2K1 and Xylene, R2K4 may be used but does not maintain HAPS compliance.
- Butyl Acetate, R6K18, VM&P, R1K3 or 140 Flash Naphtha, R1K140 can be substituted to maintain HAPS compliance.
- Complete removal of excess stain from the surface is necessary for optimum adhesion. If the color is not acceptable, a two-step stain system utilizing Sher-Wood Universal Dye Stain Concentrates followed by Sher-Wood Wiping Stain should be used.

## CAUTIONS

Thoroughly review product label 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.

### **LABEL CAUTIONS**

SEE CONTENTS STATEMENT ON LABEL.

Contents are FLAMMABLE. Vapors may cause flash fires. Keep away from heat, sparks, and open flame. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights, and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

VAPOR HARMFUL. Use only with adequate ventilation. Wear an appropriate properly fitted vapor/particulate respirator (NIOSH approved) during and after application, unless air monitoring demonstrates vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

FIRST AID: If INHALED: If affected, remove from exposure. Restore breathing. Keep warm and quiet. If on SKIN: Wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before re-use. If in EYES: Flush eyes with large amounts of water for 15 minutes. Get medical attention. If SWALLOWED: Call Poison Control Center, hospital emergency room, or physician immediately.

SPILL AND WASTE: Remove all sources of ignition. Ventilate and remove with inert absorbent. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.

DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.

Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

FOR INDUSTRIAL USE ONLY.

SEE MATERIAL SAFETY DATA SHEET. 24344-051905.

**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.