



**SHERWIN  
WILLIAMS.**

## Product Finishes

CC-F3A

**SHER-WOOD®**

## Wiping Stain Concentrates

Black..... S64B30  
Burnt Umber..... S64N37  
Raw Umber..... S64N42  
Van Dyke Brown..... S64N45  
Red Oxide..... S64R33

Burnt Sienna..... S64N36  
Clear..... S64T28  
White..... S64W31  
Yellow Oxide..... S64Y32  
Brite Yellow..... S64Y41

Brite Red..... S64R40  
Fruitwood..... S64N23  
Gilsonite..... S64N44  
Deep Red..... S64R35  
Raw Sienna..... S64Y46

### DESCRIPTION

**SHER-WOOD® Wiping Stain Concentrates** are highly pigmented stains intended to accent and highlight grain definition and natural beauty of wood products after being reduced with solvent.

#### **Advantages:**

- Concentrated, can be reduced with a variety of approved solvents and intermixed with other Sher-Wood Wiping Stain Concentrates to create custom color stains and glazes.
- Clean colors, attain rich wood tones
- Durable colors, no color fade or bleeding
- Excellent clarity
- Good workability, up to 15 minutes open time
- Versatile, apply by spray, dip, brush, or cloth
- Use as a spray stain with further reduction
- Use to shade Sher-Wood Natural Filler, D70T1
- Use under all Sher-Wood sealer and topcoat systems
- Low odor system based on Mineral Spirits
- Meets the Federal HAPS rule for wood finishes as packaged\*
- Can be blended with V82V50 - Penetrating Oil (see CC-F31)
- Free of lead hazards as packaged in compliance with Consumer Product Safety Commission's (CPSC) 16 CFR Chapter II: Subchapter B, part 1303.

\*National Standards for Hazardous Air Pollutants (HAPS) Emissions for Wood Furniture Manufacturing Operations CFR40, Part 63, Subpart JJ

### CHARACTERISTICS

**Gloss:** none  
**Volume Solids:** 14 - 52%  
varies by color  
**Drying** (77°F, 50% RH):  
Reduced 400% with Mineral Spirits  
Working time: Wipe within 15 minutes or before stain flashes off.  
To Recoat: 30 minutes after wiping  
Force Dry: 5-15 minutes at 120°F, after wiping  
**Flash Point:** 50-100°F Pensky-Martens Closed Cup  
**Package Life:** 2 years, unopened

**Air Quality Data:** (Theoretical)  
Non-photochemically reactive  
Volatile Organic Compounds (VOC) as packaged, maximum, less exempt solvents  
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

An Environmental Data Sheet is available from your local Sherwin-Williams facility.

### SPECIFICATIONS

**Wood** (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%.

#### **Reducer Options:**

##### **HAPS Compliant**

VM&P Naphtha R1K3 - Fast  
Mineral Spirits R1K4 - Medium  
140 Flash Aliphatic Naphtha R1K140 - Slow

##### **Non-Compliant**

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.

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

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.

**Testing:** Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.

## **APPLICATION**

### Typical Setups

#### **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.

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**

#### **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.