



**SHERWIN  
WILLIAMS.**

# Chemical Coatings

CC-F14

## SHER-WOOD® Wood Surfacer and Flat Lacquer

White ..... P65W1

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>
<p><b>SHER-WOOD® Wood Surfacer and Flat Lacquer</b> is designed for interior use as a surfacer for new wood and as a finishing coat where a dull flat appearance is desired. It is especially recommended to fill or cover rough grain on wood surfaces.</p> <p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• Meets the Federal HAPS rule for wood finishes as packaged*</li> <li>• VOC compliant as packaged</li> <li>• Spray application</li> <li>• Extremely fast air dry to handle, sand, or recoat</li> <li>• Sands freely with no gumming</li> <li>• Improves holdout of gloss lacquer topcoats</li> <li>• Improves build</li> <li>• No lifting under lacquers</li> <li>• Can be recoated with pigmented lacquer and synthetic or oleoresinous topcoats</li> <li>• No critical recoat time</li> <li>• Meets AWI Standard Lacquer Finishing System when topcoated with L61 Production Lacquer</li> <li>• Compatible with a wide range of topcoats, including:               <ul style="list-style-type: none"> <li>Opex® Production Lacquer</li> <li>Fast Production Enamel</li> <li>Kem Lustral®</li> <li>Kem® 400 Enamels</li> <li>Air drying alkyd enamels</li> </ul> </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> Dead Flat</p> <p><b>Volume Solids:</b> 27 ± 2%</p> <p><b>Viscosity:</b> 24-28 #2 Zahn after 100% reduction with R7K120</p> <p><b>Recommended film thickness:</b></p> <p>As a Surfacer (before sanding) Mils Dry 2.0</p> <p>As a Finish Coat Mils Dry 1.0</p> <p><b>Spreading Rate</b> (no application loss) 401-465 sq.ft./gal @ 1 mil dft</p> <p><b>Drying</b> (77°F, 45% RH):</p> <p>To Touch: 5-10 minutes To Handle: 15-30 minutes To Recoat: 30 minutes To Sand: 1 hour</p> <p><b>Flash Point:</b> 21°F Pensky-Martens Closed Cup</p> <p><b>Package Life:</b> 3 years, unopened</p> <p><b>Air Quality Data:</b> Non-photochemically reactive Volatile Organic Compounds (VOC) as packaged, maximum 4.97 lb/gal, 595 g/L reduced 150% with R7K120: 5.90 lb/gal, 708 g/L Hazardous Air Pollutants (HAPS) as packaged, less than 0.8 lbs per pound of solids</p> <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility.</p>	<p><b>Wood, Hardboard, Particle Board</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>Testing:</b> Due to the wide variety of substrates, surface preparation methods, and application methods and environments, the customer should test the complete system for adhesion and compatibility prior to full scale application.</p>

## **APPLICATION**

### Typical Setup

A gradual build up using multiple passes gives a more uniform deposition than attempting to build up excessive deposits in one pass of the gun.

#### **Conventional Spray:**

Air Pressure .....30-50 psi  
Fluid Pressure ..... 6-8 psi

Reduction Rate 125 to 150% with HAPS Compliant Lacquer Thinner R7K320 or R7K322. Lacquer Thinner R7K22 or R7K120 may also be used, but are not HAPS compliant.

For heated application, reduce 50 to 75% with HAPS Compliant Lacquer Thinner, R7K320 or R7K322. Lacquer Thinner R7K22 may also be used, but is not HAPS compliant. Heater temperature should not exceed 130°F (54°C).

May be reduced with Acetone, R6K9, as a non-HAPS and non-VOC reducer.

#### **Cleanup:**

Clean tools/equipment immediately after use with Lacquer Thinner R7K320 or R7K322. Lacquer Thinner R7K22 or R7K120 may also be used, but are not HAPS compliant.

Follow manufacturer's safety recommendations when using any solvent.

## **SPECIFICATIONS**

#### **Product Limitations:**

- For interior use only.
- Do not use over metals.
- Product should be stirred or slowly agitated continuously during application.
- Do not use vinyl modified materials to recoat P65W1, such as Super KemVar C or M.
- Do not topcoat with catalyzed lacquers or conversion varnishes.
- This nitrocellulose quality will show yellowing upon aging, especially in whites. Topcoating with clear wood finish lacquers may cause unacceptable yellowing over time.
- Not recommended for kitchen cabinets and bath vanities where repeated exposure to water and moisture exists.
- Does not meet KCMA performance specifications.
- To maintain HAPS compliance only reduce with HAPS compliant reducers.
- Can be tinted with 844 or BAC colorants up to 4 ounces per gallon.

**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.

## **CAUTIONS**

### **FOR INDUSTRIAL SHOP APPLICATION**

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.