



**SHERWIN
WILLIAMS.**

Chemical Coatings

CC-F39

SHER-WOOD® Vinyl Primer Surfacer

White P65W4

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>
<p>SHER-WOOD® Vinyl Primer Surfacer is a white vinyl lacquer designed as a priming and surfacing coating for interior wood applications. P65W4 offers better moisture resistance than conventional nitrocellulose type wood primers.</p> <p>Advantages:</p> <ul style="list-style-type: none"> • Meets KCMA specifications when used as a primer under Sher-Wood White CAB Acrylic Lacquer • Meets the Federal HAPS rule for wood finishes as packaged* • VOC compliant as packaged • Fast drying • Good filling properties • Sands freely with no gumming • Good gloss holdout • No critical recoat time • Can be tinted with Chroma Chem® 844 colorant up to 4 oz/gal • Application by conventional, airless, air-assisted airless or HVLP spray equipment • Can be topcoated with pigmented lacquer • Good wet and dry hiding • One package - not catalyzed • Free of lead hazards as packaged in compliance with Consumer Product Safety Commission's (CPSC) 16 CFR Chapter II: Subchapter B, part 1303 <p>*National Standards for Hazardous Air Pollutants (HAPS) Emissions for Wood Furniture Manufacturing Operations CFR 40, Part 63, Subpart JJ</p>	<p>Gloss: Flat</p> <p>Volume Solids: 25.3 ± 3%</p> <p>Viscosity: as packaged 25-35 seconds#3 Zahn Cup reduced 30% with R7K320 Lacquer Thinner 12-15 seconds#3 Zahn Cup</p> <p>Recommended film thickness: Mils Wet 4.0 - 6.0 Mils Dry 0.9 - 1.3</p> <p>Spreading Rate (no application loss) 263-408 sq ft/gal @ 0.9-1.3 mils DFT</p> <p>Drying (77°F, 50% RH): To Touch: 5-10 minutes To Handle: 15-20 minutes To Sand: 30-50 minutes To Recoat: 30 minutes Force Dry: 10-20 minutes at 110-140°F</p> <p>Flash Point: 45°F Pensky-Martens Closed Cup</p> <p>Package Life: 2 years, unopened</p> <p>Air Quality Data: Non-photochemically reactive Volatile Organic Compounds (VOC) as packaged, maximum 5.15 lbs/gal (618 gms/l) reduced for application 30% with R7K320 5.5 lbs/gal. (660 gms/l) Hazardous Air Pollutants (HAPS) as packaged, maximum 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>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%.</p> <p>Testing: 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>Finishing System:</p> <ol style="list-style-type: none"> 1. Apply Sher-Wood Vinyl Primer Surfacer at 4.0 - 6.0 mils wet. 2. Allow to dry. Sand with 220-280 grit paper. Remove all sanding dust. A second coat of primer surfacer may be applied after sanding if needed for additional filling. Sand again before topcoating. 3. Topcoat with 1 coat of Sher-Wood White CAB-Acrylic Lacquer, M64 Series. <p>Note: When finishing MDF, preseal routed areas and edges of MDF with vinyl sealer T67F3 before priming. Sealers can be reduced up to 1:2 with HAPS Compliant Lacquer Thinner, R7K322, for this application. Sand sealer lightly before priming. Presealing provides a better appearance and more stable finished product.</p>

APPLICATION

Typical Setups

Reduce with HAPS Compliant Lacquer Thinner R7K320 as needed up to 30%. For a HAPS complying retarder thinner use MAK up to 5%. R6K9, Acetone can be used as a non-HAPS, non-VOC fast reducer.

Conventional Spray:

Air Pressure 30-50 psi

Fluid Pressure 6-8 psi

Airless Spray:

Pressure 1600-2000 psi

Tip011-.015"

Air Assisted Airless: Graco 10:1

Assist Air 20-30 psi

Fluid Pressure 400-800 psi

Cap/Tip011-.015"

HVLP: Mach 1

Atomizing Pressure 9 psi

Fluid Pressure 6-8 ps

Cap/Tip 97P/94

Cleanup:

Clean tools/equipment immediately after use with HAPS Compliant Lacquer Thinner R7K320 or R7K322, Lacquer Thinner R7K120 or R7K 22 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.
- Agitate material before and during use.
- Do not intermix with P63 vinyl basecoats or vinyl sealers, T67F3 and P63W2. These qualities are not compatible with P65W4.
- Do not topcoat with clear finishes because P65W4 will yellow.
- Do not add acid catalyst to P65W4 - acid will not influence drying or hardness.
- Do not topcoat with catalyzed coatings such as catalyzed lacquer or conversion varnishes.
- Maximum dry film thickness of the system should not exceed 4.0 mils.
- Store finished wood parts in an environment to maintain moisture content within 2 percentage points of the 6-8% wood moisture content. Excessive movement in wood moisture content can cause product failure: cracking, delamination, loss of resistance properties.
- Some lower quality woods, such as Luan and Basswood, lack dimensional stability and are not recommended due to increased risk of cracking. All finishing systems should be pre-tested on the substrate prior to use.
- To maintain HAPS compliance only reduce with HAPS compliant reducers.

Performance Tests:

Cold Check:

Passes 20 cold check cycles when primed only or primed and topcoated with White CAB-Acrylic Lacquer M64 Series.

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.21512-051905.

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.