



**SHERWIN
WILLIAMS.**

Chemical Coatings

CC-F44

SHER-WOOD® High Solids Vinyl Sealer

T67F5

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>
<p>SHER-WOOD® High Solids Vinyl Sealer T67F5 is a fast drying high solids vinyl sealer meeting current Federal EPA regulations for wood finishing. It offers better moisture resistance than nitrocellulose lacquer sealers and may be used under all solvent-based SHER-WOOD coatings for wood.</p> <p>Advantages:</p> <ul style="list-style-type: none"> • Meets the Federal HAPS rule for wood finishes as packaged* • High solids - high build • VOC of less than 1.8 lb per pound of solids uncatalyzed • Excellent moisture resistance • Meets KCMA performance requirements with SHER-WOOD finishing topcoats listed below • Fast Drying • Easy sanding without stearates • Good holdout • May be applied by using conventional, airless, air assisted airless and HVLP spray methods • Apply over SHER-WOOD solvent based and water based wiping stains and dye stains and filler • May be tinted up to 2 oz./gallon with Chroma Chem 844 colorants • Versatile - can be used as a sealer under lacquers and catalyzed topcoats such as: <ul style="list-style-type: none"> Sher-Wood® Hi Bild Lacquer Sher-Wood® Moisture Resistant Lacquer Sher-Wood® Catalyzed Lacquer Sher-Wood® KEMVAR Conversion Varnish Sher-Wood® Water White Conversion Varnish Sher-Wood® CAB-Acrylic Lacquer Sher-Wood® Catalyzed Lacquer (Pre-Cat) Polane® Polyurethanes Sher-Wood® KemVar LF • Free of lead hazards as packaged in compliance with Consumer Product Safety Commission's (CPSC) 16 CFR Chapter II: Subchapter B, part 1303. 	<p>Volume Solids: 26.9 ± 1%</p> <p>Weight Solids: 35.9 ± 2%</p> <p>Viscosity: 23-27 seconds #2 Zahn Cup 21-24 seconds #4 Ford</p> <p>Recommended film thickness: Mils Wet 3.0 - 4.0 Mils Dry 0.8 - 1.1</p> <p>Spreading Rate (no application loss) 377-558 sq ft/gal @ 0.8-1.1 mils DFT</p> <p>Drying (77°F, 50% RH): To Touch: 15 minutes To Handle: 20-30 minutes To Sand: 45-60 minutes To Recoat: 45-60 minutes Force Dry (110°-140°F) To Sand: 15-20 minutes</p> <p>Flash Point: 22°F Pensky-Martens Closed Cup</p> <p>Package Life: 2 years, unopened</p> <p>Air Quality Data: (Theoretical) Non-photochemically reactive Volatile Organic Compounds (VOC) as packaged, maximum 4.95 lb/gal, 593 g/L Hazardous Air Pollutants (HAPS) as packaged, less than 0.8 lbs per lb of solids</p> <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility.</p> <p>*National Standards for Hazardous Air Pollutants (HAPS) Emissions for Wood Furniture Manufacturing Operations CFR40, Part 63, Subpart JJ</p>	<p>Wood : Must be clean, dry, finish sanded and dust free to obtain optimum film and performance properties. Moisture content of wood should be 6 to 8%.</p> <p>T67F5 MUST BE AGITATED BEFORE AND DURING USE.</p> <p>Catalyzation of Vinyl Sealer T67F5: SHER-WOOD High Solids Vinyl Sealer must be catalyzed when the topcoat is a catalyzed product - SHER-WOOD Conversion Varnishes, catalyzed lacquers or catalyzed vinyl. Catalyzing the sealer will give improved resistance to wrinkling, lifting and critical recoat with catalyzed topcoats.</p> <p>It should be catalyzed 1.5% with SHER-WOOD KEMVAR Catalyst V66V21. Pot life is 24 hours at room temperature. Higher temperatures or humidity or aeration will shorten working potlife. To extend use life at the end of the day, add 300% of uncatalyzed material. Add catalyst based on the uncatalyzed portions when ready to use the next day. Refrigeration also extends working potlife.</p> <p>DO NOT catalyze Vinyl Sealer T67F5 under non-catalyzed topcoats because of potential intercoat adhesion problems.</p> <p>NOTE: When catalyzed, T67F5 may be reduced up to 5% with Butyl Acetate or MAK and still maintain a VOC of less than 2.3 lb. per pound of solids.</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, compatibility and performance prior to full scale application.</p>

APPLICATION

Typical Setups

Conventional Spray:

Air Pressure45-65 psi
Fluid Pressure 8-10 psi
Reducer not required
Tip Size040-.070

Airless Spray:

Pressure 1800-2000 psi
Tip011-.013"
Reducer not required

Air Assisted Airless:

Air Pressure 20 psi
Fluid Pressure 800-900 psi
Tip011-.013"
Reducer not required

HVLP:

Air Pressure 8-10 psi
Fluid Pressure 8-10 psi
Reducer not required
Tip Size040-.070

Warm Spray: Do not exceed 110°F. No reduction required.

NOTE: Where VOC compliance is not required, T67F5 may be reduced for faster drying, lower viscosity, easier application and more penetration. Use Butyl Acetate R6K18 for HAPS compliance or Lacquer Thinner, or MEK for non-HAPS applications. Use MAK R6K30 as needed for a retarder. Addition of solvent will raise VOC. To make a wash coat at 7% volume solids, blend 1 part T67F5 with 3 parts Butyl Acetate R6K18 with agitation.

Cleanup:

Clean tools/equipment immediately after use with HAPS Compliant Lacquer Thinner, R7K320 or R7K322. Lacquer Thinner, R7K120 or R7K22 may also be used, but are not HAPS compliant. Follow manufacturer's safety recommendations when using any solvent.

SPECIFICATIONS

Product Limitations:

- **MUST BE AGITATED BEFORE AND DURING USE.**
- This product is normally translucent rather than transparent.
- This product should be thoroughly sanded within 4 hours of being applied. If the sealer is not topcoated the same day, it should be resanded immediately before topcoating to insure optimum intercoat adhesion.
- Customers are urged to pretest T67F5 and the total system on their substrate under their shop conditions.
- Apply a full wet coat (3-4 mils) of vinyl sealer for build. Rather than multiple coats of sealer, multiple coats of topcoat are recommended.
- Do not catalyze Vinyl Sealer when the topcoats are not catalyzed.
- Heavier films of sealer will give slower dry and sanding.
- Film thickness of the total system must not exceed 5 mils dry film thickness.
- KEMVAR Catalyst V66V21 is an acid. To prevent acid corrosion and pitting, all equipment should be made of stainless steel. Containers and piping should be stainless steel or plastic.
- For interior use only.
- When catalyzing, use only V66V21. Do not use V66V26 catalyst.
- For optimum dry film properties, the coating film should be at a temperature of 60° F or above. Allowing the coating to dry at cooler temperatures may affect the final dry film quality.

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.

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.