



**SHERWIN  
WILLIAMS.**

# Chemical Coatings

CC-F54

## SHER-WOOD® KEMVAR® Vinyl Sealer

Clear ..... T67F7

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>
<p><b>SHER-WOOD® KEMVAR® Vinyl Sealer</b> is a fast drying vinyl sealer. It offers better moisture resistance than nitrocellulose lacquer sealers. T67F7 is intended for use under Sher-Wood® KEMVAR® Conversion Varnish, Sher-Wood® Waterwhite Conversion Varnish, Sher-Wood® Compliant WW Conversion Varnish, Sher-Wood® CAB Acrylic Lacquer and Sher-Wood® KEMVAR® Waterwhite LF Conversion Varnish.</p> <p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• 24% weight solids, higher than most other vinyl sealers.</li> <li>• Excellent Moisture resistance.</li> <li>• Meets the federal HAPS rule for wood finishes*</li> <li>• Meets KCMA requirements when top coated with Conversion Varnish and Cab-Acrylic.</li> <li>• Fast Drying.</li> <li>• Easy sanding without stearates.</li> <li>• Good holdout and build.</li> <li>• May be applied with conventional spray, warm spray, airless and air assisted airless spray, and HVLP.</li> <li>• Non-Photochemically reactive.</li> <li>• Apply over Sher-Wood® S61 Dye Stains, S64 Wiping Stains, and D70T1 Filler.</li> <li>• May be tinted up to 2 oz./gal. with Chroma Chem 844 Colorants.</li> <li>• May be blended with Sher-Wood® White Vinyl Sealer P63W2 and P63 Vinyl Basecoats, in all ratios, to make pigmented toners.</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><b>Gloss:</b> Flat (5-10 units)  <b>Volume Solids:</b> 17.1% ± 1%  <b>Weight Solids:</b> 24.0 % ± 2%  <b>Viscosity as packaged:</b>            16-22 seconds #2 Zahn Cup            14-18 seconds #2 Ford Cup  <b>Recommended film thickness:</b>            Mils Wet 4.0-5.0            Mils Dry 0.7-0.9  <b>Spreading Rate (no application loss)</b>            286-414 sq.ft./gal @ 0.7-0.9 mils DFT  <b>Drying (Air Dry 77°F, 50% RH):</b>            To Touch: 10 minutes            To Handle: 15 minutes            To Sand: 30-45 minutes            To Recoat: 30-45 minutes            Force Dry: 10-15 minutes at 110-140°F to sand  <b>Flash Point:</b> 22°F Pensky-Martens Closed Cup  <b>Package Life:</b> 24 months, unopened  <b>Air Quality Data:</b> (Theoretical)            Non-photochemically reactive.            Volatile Organic Compounds (VOC) as packaged, maximum            5.59 lb/gal, 670 g/L            Hazardous Air Pollutants (HAPS) as packaged, maximum            less than 0.8 lbs/ lb of solids            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><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>T67F7 MUST BE AGITATED BEFORE AND DURING USE.</b></p> <p><b>Catalyzation of Vinyl Sealer T67F7: Sher-Wood® KEMVAR® Vinyl Sealer, T67F7, must be catalyzed when topcoated with Sher-Wood® Conversion Varnishes.</b></p> <p>Catalyze T67F7 with 2% V66V26 Sher-Wood® Super KEMVAR® Catalyst. Pot life is 24 hours at room temperature. Higher temperature, humidity, or aeration will shorten the working potlife. To extend use life at the end of the day, add 300% of uncatalyzed material. Add the proper amount of catalyst when ready to use the next day. Refrigeration also extends the working potlife.</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, compatibility and performance prior to full scale application.</p>

## APPLICATION

### Typical Setups

**Reduction:** Up to 10% with HAPS Compliant Lacquer Thinner R7K320. For faster drying, lower viscosity and more penetration you may reduce up to 20%. If a Retarder is needed, use MAK R6K30 up to 5%. To make a washcoat at 6% volume solids, blend 1 part T67F7 with 2 parts R7K320.

#### **Conventional Spray:**

Air Pressure ..... 45-65 psi  
Fluid Pressure ..... 6-7 psi  
Tip Size ..... .040-.070

#### **Airless Spray (no reduction required):**

Pressure ..... 1200-2000 psi  
Tip ..... .011-.013

#### **Air Assisted Airless (no reduction required):**

Air Assist ..... 10-25 lbs.  
Fluid Pressure ..... 600-800 psi  
Cap/Tip ..... .011-.013

#### **HVLP::**

Air Pressure ..... 8-10 psi  
Fluid Pressure ..... 5-8 psi  
Tip Size ..... .040-.070

#### **Warm Spray (no reduction required):**

Do not exceed 110°F

#### **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.**
- Customers are urged to pre-test T67F7 and the total system on their substrate under their shop conditions.
- T67F7 must be agitated before and while using.
- T67F7 product is translucent rather than transparent.
- Apply a full wet coat (4-5 mils) of T67F7. Do not apply more than one coat of T67F7 for build. Rather than multiple coats of sealers, multiple coats of topcoat are recommended.
- T67F7 should be thoroughly sanded within 4 hours of being applied. If the sealer is not top coated the same day, it should be resanded immediately before top coating to insure optimum intercoat adhesion.
- T67F7 is designed to be used under Conversion Varnish and Sher-Wood® CAB Acrylic Lacquer.
- Do not catalyze T67F7 with Sher-Wood® KEMVAR® Catalyst V66V21 as this will yield a much shorter potlife and may affect performance properties of the system.
- 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.