SHERWIN WILLIAMS.

SHER-WOOD® Fast Dry Vinyl Sealer

Clear T67F6

DESCRIPTION

SHER-WOOD® Fast Dry Vinyl Sealer is a vinyl modified nitrocellulose sanding sealer with fast dry and good sanding characteristics.

Advantages:

- HAPS Free as packaged**
- VOC compliant*
- Fast dry to sand and recoat
- Meets KCMA requirements with solvent based Sher-Wood® finishing top coats listed below.
- Precat feature - 6 month catalyzed potlife option
- Improved moisture resistance as compared to standard nitrocellulose sealers
- May be tinted with Chroma Chem 844 Colorants up to 2 oz. per gallon
- Compatible with a wide range of topcoats, including:
  Sher-Wood® Hi-Bild Lacquer
  Sher-Wood® LOVOC Lacquer
  Sher-Wood® CAB Acrylic
  Sher-Wood® White CAB-Acrylic Lacquer
  Sher-Wood® Moisture Resistant Lacquer
  Sher-Wood® Catalyzed Lacquer (PreCat)
  Sher-Wood® Catalyzed Lacquer
  Sher-Wood® Hi-Bild PreCat Lacquer
  Sher-Wood® Acrylic Conversion Coating
  Sher-Wood® KemVar® Conversion Varnish
  Sher-Wood® Water White Conversion Varnish
  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.

*VOC compliance limits vary from state to state; please consult local Air Quality rules and regulations.

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

CHARACTERISTICS

Gloss: Flat (5-10 units)
Volume Solids: 14.7%
Viscosity:
20-24 seconds #2 Zahn Cup
Recommended film thickness:
Mils Wet 4.0-5.0
Mils Dry 0.6-0.7
Spreading Rate (no application loss)
314-420 sq ft/gal @ 0.6-0.7 mils DFT
Drying (77°F, 50% RH):
To Touch: 5-10 minutes
To Handle: 10-15 minutes
To Sand: 15-30 minutes
To Recoat: 15-30 minutes
Force Dry: 5-10 minutes at 110-140°F to sand
Flash Point: 4°F Pensky-Martens Closed Cup
Package Life: 24 months, unopened

Air Quality Data: (Theoretical)
Non-photochemically reactive Volatile Organic Compounds (VOC) as packaged, maximum
4.54 lb/gal, 544 g/L

Hazardous Air Pollutants (HAPS) as packaged, maximum
0.0 lbs per lb 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%.

T67F3 MUST BE AGITATED BEFORE AND DURING USE.

Catalyzation of Vinyl Sealer T67F6:
Sher-Wood® Fast Dry Vinyl Sealer, T67F6, must be catalyzed when the topcoat is a catalyzed product. Catalyzing the sealer will give improved resistance to wrinkling, lifting and critical recoat with catalyzed topcoats.

Catalyze T67F6 with 1.2% V66V22 Sher-Wood® Precat Catalyst. This is equivalent to 1.5 ounces V66V22 Catalyst to 1.0 gallon T67F6 sealer. This mixture provides a catalyzed product with 6 months potlife. Higher temperature, humidity, or aeration will shorten the working potlife.

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.

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APPLICATION

Typical Setups

Reduction: T67F6 is packaged at a ready-to-spray viscosity for many applications. To maintain 4.57 lbs/gal VOC compliance, reduce with Acetone R6K9, and retard with Oxsol 100. Where VOC compliance is not required, reduce 5-20% with HAPS Free Lacquer Thinner R7K305, HAPS Compliant Lacquer Thinner R7K320, or n-Butyl Acetate R6K18, and retard 5-10% with Butyl Cellosolve R6K25, MAK R6K30, or EEP Reducer R6K35.

Conventional Spray:
Air Pressure ..... 55 psi
Fluid Pressure ..... 8-10 psi
Tip Size ..... .040-.070
Airless Spray:
Pressure ..... 1500-2000 psi
Tip ..... .011-.013"
Air Assisted Airless:
Air Assist ..... 20-25 psi
Fluid Pressure ..... 700-800 psi
Tip ..... .011-.013"
HVLP:
Atomizing Air Pressure at the cap.. 8-10 psi
Fluid Pressure ..... 8-10 psi
Tip Size ..... .040-.070

Cleanup:
Clean tools/equipment immediately after use with HAPS complying lacquer thinner, R7K320 or R7K322. Laquer 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 pretest T67F6 and the total system on their substrate under their shop conditions.
- Apply a full wet coat (3.0-4.0 mils) of vinyl sealer. Do not apply more than one coat of sealer for build. Multiple coats of topcoat are recommended rather than multiple coats of sealer.
- Do not catalyze this sealer if the topcoat is not catalyzed.
- Do not catalyze T67F6 with either Super KemVar® Catalyst V66V26 or KemVar® Catalyst V66V21 as these may affect performance properties of the system.
- T67F6 must be agitated before and while using.
- T67F6 contains nitrocellulose and is not compatible for blending (intermixing) with conventional vinyl products T67F3, P63W2, and P63 Basecoats.
- 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.
- T67F6 contains fast evaporating solvent. Keep product covered.
- To maintain HAPS compliance, only reduce with HAPS compliant reducers.
- To maintain VOC compliance, only use exempt solvents - reduce with Acetone R6K9 and retard with Oxsol 100.
- 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.