



**SHERWIN
WILLIAMS.**

Industrial Wood Coatings

CC-F44

SHER-WOOD® High Solids Vinyl Sealer

Clear.....T67F5

DESCRIPTION

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.

Advantages:

- High solids - high build
- 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
- May be tinted up to 2 oz./gallon with OptiColor® XP or GIS colorants
- Versatile - can be used as a sealer under recommended Sher-Wood solvent-based finishes
- Compatible with a wide range of topcoats, including:
 - Sher-Wood® Hi-Bild Lacquer
 - Sher-Wood® LOVOC Lacquer
 - Sher-Wood® CAB Acrylic
 - Sher-Wood® Moisture Resistant Lacquer
 - Sher-Wood® Hi-Bild PreCat Lacquer
 - Sher-Wood® Acrylic Conversion Coating
 - Sher-Wood® KemVar® Conversion Varnish
 - Super KemVar® "M"

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

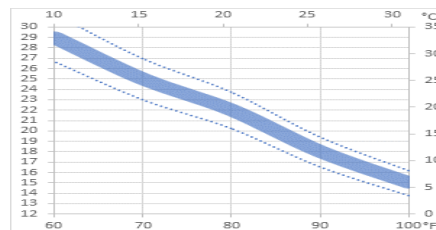
An Environmental Data Sheet is available from your local Sherwin-Williams facility or at www.paintdocs.com

CHARACTERISTICS

Volume Solids: 26.9 ± 1%

Weight Solids: 35.9 ± 2%

Viscosity:
23-27 seconds #2 Zahn Cup
21-24 seconds #4 Ford



The above chart is for information only and should not be used as product specifications

Recommended film thickness:

Mils Wet 3.0 - 4.0
Dry 0.8 - 1.1

Spreading Rate (no application loss) 377-558 sq ft/gal @ 0.8-1.1 mils DFT

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

Flash Point: 22°F PMCC

Package Life: 2 years, unopened

Air Quality Data: (Theoretical)

- Non-photochemically reactive
- Volatile Organic Compounds (VOC)* as packaged, maximum 4.95 lb/gal, 593 g/L
- Volatile Hazardous Air Pollutants (VHAPS) as packaged, less than 0.80 lbs/lb of solids

SPECIFICATIONS

Surface preparation:

Wood - New Work (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%.

Previously finished wood (interior only): Strip old finishes completely and remove all contaminants from the surface. Make sure surface is dry. Finish as new work.

T67F5 MUST BE AGITATED BEFORE AND DURING USE.

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. 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 pot-life. To extend use life at the end of the day, add 300% of uncatalyzed material. Add catalyst based on the un-catalyzed portions when ready to use the next day. Refrigeration also extends working pot-life.

DO NOT catalyze Vinyl Sealer T67F5 under non-catalyzed topcoats because of potential inter-coat adhesion problems.

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.

Testing: The information, data, and recommendations set forth in this Product Data Sheet are based upon test results believed to be reliable. However, due to the wide variety of substrates, substrate properties, surface preparation methods, equipment and tools, application methods, and environments, the customer should test the complete system for adhesion, compatibility and performance prior to full scale application.

APPLICATION

Typical Setups

Conventional Spray:

Air Pressure..... 45-65 psi
Fluid Pressure 8-10 psi
Reducer..... not required
Tip Size040-.070

Airless Spray:

Pressure1800-2000 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.. 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.

Retard: Use MAK R6K30 as needed for a retarder

Cleanup:

Clean tools/equipment immediately after use with HAPS Compliant Lacquer Thinner, R7K320. 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 top-coated the same day, it should be resanded immediately before top-coating to insure optimum inter-coat 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.

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CAUTIONS

FOR INDUSTRIAL SHOP APPLICATION ONLY

Thoroughly review product label and Safety Data Sheet (SDS) for safety information and cautions prior to using this product.

To obtain the most current version of the Environmental Data Sheet (EDS), Product Data Sheet (PDS), or Safety Data Sheet (SDS) please visit your local Sherwin-Williams facility or www.paintdocs.com.

Please direct any questions or comments to your local Sherwin-Williams facility

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