CC-F20

# SHER-WOOD® Vinyl Sealer 24% Solids

Clear ..... T67F3

## DESCRIPTION

**SHER-WOOD® Vinyl Sealer 24% Solids** is a HAPS compliant fast drying vinyl sealer. It offers better moisture resistance than nitrocellulose lacquer sealers. This is intended for use under all solvent based Sher-Wood® finishing clears.

**Advantages:**

- 24% weight solids; higher than most other vinyl sealers
- Meets the federal HAPS rule for wood finishes*
- Excellent moisture resistance
- Meets KCMA requirements with solvent based Sher-Wood® wood finishing top-coats listed below.
- Fast drying
- Easy sanding
- Good holdout and build
- May be applied with conventional spray, warm spray, airless, air assisted airless spray, and HVLP.
- Compatible with a wide range of top-coats, including:
  Sher-Wood® Hi-Bild Lacquer
  Sher-Wood® LOVOC Lacquer
  Sher-Wood® CAB Acrylic
  Sher-Wood® Moisture Resistant Lacquer
  Sher-Wood® Catalyzed Lacquer (PreCat)
  Sher-Wood® Hi-Bild PreCat Lacquer
  Sher-Wood® Acrylic Conversion Coating
  Sher-Wood® KemVar® Conversion Varnish
  Super KemVar® "M"
  Polane® Polyurethanes
- Apply over Sher-Wood® S61 Dye Stains, S64 Wiping Stains, and Filler D70T1.
- May be tinted up to 2 oz/gal with Chroma Chem 844 Colorants.
- May be blended with Sher-Wood® White Vinyl Sealer P63W2, and P63 Vinyl Base-coats, in all ratios, to make pigmented toners.
- Free of lead hazards as packaged in compliance with Consumer Product Safety Commission's (CPSC) 16 CFR Chapter II:

## CHARACTERISTICS

**Volume Solids:** 17 ± 2%
**Viscosity**:
16-22 seconds #2 Zahn Cup
14-18 Seconds #4 Ford Cup
**Recommended film thickness:**
Mils Wet 4.0 - 5.0
Mils Dry 0.7 - 0.9
**Spreading Rate** (no application loss)
267-435 sq ft/gal @ 0.7-0.9 mils DFT
**Drying** (77°F, 50% RH):
To Touch: 10 minutes
To Handle: 15 minutes
To Sand: 30-45 minutes
To Recoat: 30-45 minutes
Force Dry: 10-15 minutes at
(to sand) 110-140°F
**Flash Point:** 22°F Pensky-Martens Closed Cup
**Package Life**: 24 months, unopened

**Air Quality Data:** (Theoretical)

- Non-photochemically reactive
- Volatile Organic Compounds (VOC) as packaged, maximum 5.58 lb/gal, 669 g/L
- Hazardous Air Pollutants (HAPS) as packaged less than 0.8 lbs/lb of solids

An Environmental Data Sheet is available from your local Sherwin-Williams facility.

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

## 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.**

**Catalyzing Vinyl Sealer T67F3:**
**Sher-Wood® Vinyl Sealer, T67F3, 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.

This should be catalyzed 2% with Sher-Wood® Super KemVar® Catalyst, V66V26. Pot life is 24 hours at room temperature. Higher temperature, 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 only the uncatalyzed portion when ready to use the next day. Refrigeration also extends working pot life.
Do not use Sher-Wood® KemVar® Catalyst, V66V21 because it has much shorter pot life and may affect performance properties of the system.
Do not catalyze T67F3 when used under non-catalyzed topcoats because of potential intercoat adhesion problems.

**Testing:** Due to the wide variety of substrates, surface preparation methods, and 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

If desired, reduce up to 10% with HAPS Compliant Lacquer Thinner, R7K320. For faster drying, lower viscosity, and more penetration, you may reduce up to 20% with HAPS Compliant Lacquer Thinner, R7K320. If a retarder thinner is needed, use up to 5% MAK, R6K30.
To make a wash coat with 6% volume solids, reduce 1 part T67F3 with 2 parts HAPS Free Reducer, R7K305, with agitation.

**Conventional Spray:**
Air Pressure..... 45-65 psi
Fluid Pressure ..... 6-7 psi
Tip Size ..... .040 - .070

**Airless Spray:**
Pressure..... 1200-2000 psi
Tip .....011 - .013"

**Air Assisted Airless:**
Fluid Pressure ..... 600-800 psi
Tip .....011 - .013"
Air Assist ..... 10-25 lbs.

**HVLP:**
Air Pressure..... 4-8 psi
Fluid Pressure ..... 5-8 psi
Tip Size ..... .040-.070

**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

Typical Setups

**Product Limitations:**

- **Must be agitated before and during use.**
- This product should be thoroughly sanded within 4 hours of being applied and then topcoated. If the sealer is not topcoated the same day, it should be resanded immediately before topcoating to ensure optimum intercoat adhesion.
- Customers are urged to pretest T67F3 and the total system on their substrate under their shop conditions.
- Apply a full wet coat (4-5 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 the vinyl sealer if the topcoat is not catalyzed.
- To maintain HAPS compliance, only reducer with HAPS compliant reducers.
- Do not exceed recommended wet film thickness as stated drying times will be slower.
- 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 and Material Safety Data Sheet (MSDS) 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.