**DESCRIPTION**

SHER-WOOD® LOVOC Lacquer is a nitrocellulose lacquer formulated to meet federal HAPS regulations and proposed VOC limitations of 1.8 lbs/lb solids**.

Advantages:
- Meets the Federal HAPS rule for wood finishes as packaged*
- Fast drying
- Excellent adhesion
- Ready to spray
- Versatile - can be applied by airless, air assisted airless, HVLP and conventional spray
- Meets KCMA requirements when applied over Sher-Wood Vinyl Sealers T67F3, T67F5, T67F6 or T67F7
- 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

**CHARACTERISTICS**

Gloss (60°) measured on black glass:
- Gloss: 85+ units
- BRE: 65-70 units
- MRE: 34-38 units
- DRE: 17-21 units

Volume Solids: 17.6%

Weight Solids: 24.9%

Weight per gal.: 7.42 lbs.

Viscosity: 16-20 seconds #4 Ford Cup

Recommended film thickness:
- Mils Wet: 3.0-5.0
- Mils Dry: 0.5-0.9

Spreading Rate (no application loss)
- @ 0.5-0.9 mil dft: 311-560 sq ft/gal

Drying (77°F, 50% RH):
- To Touch: 10 minutes
- To Handle: 20 minutes
- To Recoat: 30-40 minutes
- Force Dry: 10-15 minutes at 140°F

Flash Point: 4°F PMCC

Package Life: 2 years, unopened

Air Quality Data (Theoretical):
- Non-photochemically reactive
- Volatile Organic Compounds (VOC) as packaged, less exempts, Maximum: 4.95 lb/gal, 593 g/L
- 1.62 lbs VOC/lb solids
- Volatile Organic Emissions as packaged, maximum: 3.10 lb/gal, 372 g/L
- Hazardous Air Pollutants (HAPS) as packaged, maximum: less than 0.8 lbs per lb of solids

**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%.

Wood Finishing System:
1. Seal - apply one coat of Sher-Wood LOVOC Lacquer Sanding Sealer T60F64, or recommended vinyl sealer.
2. Sand with 240 grit paper and remove sanding dust.
3. Topcoat - apply one coat off Sher-Wood LOVOC Lacquer Topcoat. For more depth and better appearance, apply a second coat. Allow to dry overnight before rubbing or packing.

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.

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

**Typical Setups**

**Reduction:** Up to 2% HAPS Compliant Lacquer Thinner R7K320 may be added without exceeding VOC limits. Use MAK R6K30 or EEP Reducer R6K35 to retard. May also be reduced using Acetone up to a maximum of 15%.

**Conventional Spray:**
- Air Pressure: 40-45 psi
- Fluid Pressure: 10-15 psi
- Cap/Tip: FF/704

**Airless Spray:**
- Pressure: 1200-2100 psi
- Tip: 0.011-.015"

**Air Assisted Airless:**
- Assist Air Pressure: 15 psi
- Fluid Pressure: 600-1200 psi
- Cap/Tip: 0.011-.015"

**HVLP:**
- Gun: DeVilbiss Maximum Performer
- Atomizing Air Pressure: 8-10 psi
- Fluid Pressure: 10-15 psi
- Cap/Tip: 46MP/FF

**Cleanup:**
Clean tools/equipment immediately after use with HAPS Compliant 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:**
- Reduction limited to 2% to maintain VOC compliance.
- Seal with Sher-Wood LOVOC Sanding Sealer T60F64.
- Customer urged to pretest system under shop conditions.
- Not recommended for exterior use.
- Agitate thoroughly before using.
- Natural wood will change color by itself and clear wood finishes will not keep this from occurring.
- Maximum dry film thickness of coating system is 4.0 mils.
- Does not meet KCMA when used as a system with Sher-Wood LOVOC Lacquer Sanding Sealer T60F64. Where KCMA is required, use uncatalyzed Sher-Wood Vinyl Sealers T67F3, T67F5, T67F6 or T67F7.
- This finishing lacquer will yellow over time. With wood tone stains, this yellowing actually yields a warmer, softer appearance. Where white stains, pickled finishes or white basecoats are used, nitrocellulose coatings should not be used because of the yellowing the coatings may be considered objectionable.

**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.