



**SHERWIN
WILLIAMS.**

Chemical Coatings

CC-F50

SHER-WOOD® LOVOC Lacquer

Gloss T70C60
 Bright Rubbed Effect T70F61
 Medium Rubbed Effect T70F62
 Dull Rubbed Effect T70F63

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>																				
<p>SHER-WOOD® LOVOC Lacquer is a nitrocellulose lacquer formulated to meet federal HAPS regulations and proposed VOC limitations of 1.8 lbs/lb solids**.</p> <p>Advantages:</p> <ul style="list-style-type: none"> • 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 or T67F6 • Free of lead and chromate hazards 	<p>Gloss (60°) measured on black glass:</p> <table> <tr><td>Gloss</td><td>80+ units</td></tr> <tr><td>BRE</td><td>65-70 units</td></tr> <tr><td>MRE</td><td>35-40 units</td></tr> <tr><td>DRE</td><td>19-21 units</td></tr> </table> <p>Volume Solids: 17.6% Weight Solids: 24.9% Weight per gal.: 7.42 lbs. Viscosity: 16-20 seconds #4 Ford Cup Recommended film thickness:</p> <table> <tr><td>Mils Wet</td><td>3.0-5.0</td></tr> <tr><td>Mils Dry</td><td>0.5-0.9</td></tr> </table> <p>Spreading Rate (no application loss) @ 0.5-0.9 mil dft: 311-560 sq ft/gal Drying (77°F, 50% RH):</p> <table> <tr><td>To Touch:</td><td>10 minutes</td></tr> <tr><td>To Handle:</td><td>20 minutes</td></tr> <tr><td>To Recoat:</td><td>30-40 minutes</td></tr> <tr><td>Force Dry:</td><td>10-15 minutes at 140°F</td></tr> </table> <p>Flash Point: 4°F Pensky-Martens Closed Cup Package Life: 2 years, unopened</p> <p>Air Quality Data: 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 3.07 lb/gal, 367 g/L Hazardous Air Pollutants (HAPS) as packaged, maximum less than 0.8 lbs per lb of solids</p>	Gloss	80+ units	BRE	65-70 units	MRE	35-40 units	DRE	19-21 units	Mils Wet	3.0-5.0	Mils Dry	0.5-0.9	To Touch:	10 minutes	To Handle:	20 minutes	To Recoat:	30-40 minutes	Force Dry:	10-15 minutes at 140°F	<p>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%.</p> <p>Testing: Due to the wide variety of substrates, surface preparation methods, application methods, and environments, the customer should test the complete system for adhesion and compatibility prior to full scale application.</p> <p>Wood Finishing System:</p> <ol style="list-style-type: none"> 1. Seal - apply one coat of Sher-Wood LOVOC Lacquer Sanding Sealer T60F64. 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.
Gloss	80+ units																					
BRE	65-70 units																					
MRE	35-40 units																					
DRE	19-21 units																					
Mils Wet	3.0-5.0																					
Mils Dry	0.5-0.9																					
To Touch:	10 minutes																					
To Handle:	20 minutes																					
To Recoat:	30-40 minutes																					
Force Dry:	10-15 minutes at 140°F																					
<p>*National Standards for Hazardous Air Pollutants (HAPS) Emissions for Wood Furniture Manufacturing Operations CFR40, Part 63, Subpart JJ</p>	<p>An Environmental Data Sheet is available from your local Sherwin-Williams facility.</p>																					
<p>**VOC compliance limits vary from state to state; please consult local Air Quality rules and regulations</p>																						

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

Tip011-.015"

Air Assisted Airless:

Assist Air Pressure 15 psi

Fluid Pressure 600-1200 psi

Cap/Tip 222-608/.011-.015"

HVLP:

Gun DeVilbiss Maximum Performer

Atomizing Air Pressure at the Cap 8-10 psi

Fluid Pressure 10-15

Cap/Tip 46MP/FF

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:

- 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 or T67F6.
- 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

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.

LABEL CAUTIONS

Contents are **EXTREMELY FLAMMABLE**. Keep away from heat, sparks, and open flame. Vapors will accumulate readily and may ignite explosively. During use and until all vapors are gone: Keep area ventilated - Do not smoke - Extinguish all flames, pilot lights and heaters - Turn off stoves, electric tools and appliances, and any other sources of ignition.

VAPOR HARMFUL. Use only with adequate ventilation. Wear an appropriate properly fitted vapor/particulate respirator (NIOSH approved) during and after application, unless air monitoring demonstrates vapor/mist levels are below applicable limits. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

FIRST AID: If **INHALED:** If affected, remove from exposure. Restore breathing. Keep warm and quiet. If on **SKIN:** Wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before re-use. If in **EYES:** Flush eyes with large amounts of water for 15 minutes. Get medical attention. If **SWALLOWED:** Call Poison Control Center, hospital emergency room, or physician immediately.

SPILL AND WASTE: Remove all sources of ignition. Ventilate and remove with inert absorbent. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.

DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.

Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.

FOR INDUSTRIAL USE ONLY.

SEE MATERIAL SAFETY DATA SHEET.22272-051905.

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.