

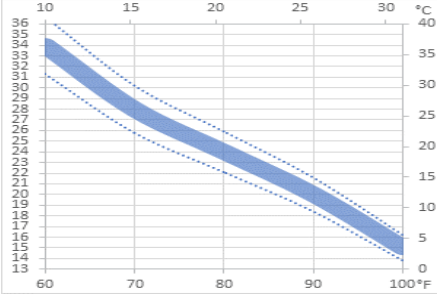


**SHERWIN  
WILLIAMS.**

**SHER-WOOD®**

**Moisture Resistant Lacquer**

Gloss .....T70C20  
 Medium Rubbed Effect .....T70F22  
 Dull Rubbed Effect .....T70F23

<b><u>DESCRIPTION</u></b>	<b><u>CHARACTERISTICS</u></b>	<b><u>SPECIFICATIONS</u></b>
<p><b>SHER-WOOD® Moisture Resistant Lacquers</b> are self sealing general purpose topcoats specially designed for resistance to moisture and household chemicals.</p> <p><b>Advantages:</b></p> <ul style="list-style-type: none"> <li>• Meets the Federal HAPS rule for wood finishes as packaged*</li> <li>• Excellent moisture resistance</li> <li>• Excellent resistance to household chemicals</li> <li>• Self sealing</li> <li>• Non-photochemically reactive</li> <li>• Excellent adhesion</li> <li>• Excellent cold check resistance</li> <li>• Excellent print resistance</li> <li>• Meets the test requirements of KCMA specifications (See Specifications section)</li> <li>• Free of lead hazards as packaged in compliance with Consumer Product Safety Commission's (CPSC) 16 CFR Chapter II: Subchapter B, part 1303.</li> </ul> <p>*National Standards for Hazardous Air Pollutants (HAPS) Emissions for Wood Furniture Manufacturing Operations CFR40, Part 63, Subpart JJ</p>	<p><b>Gloss:</b> Gloss 85+ units        MRE 34-38 units        DRE 17-21 units</p> <p><b>Volume Solids:</b> 16 ± 2%</p> <p><b>Viscosity:</b>        28-33 seconds #2 Zahn Cup</p>  <p><i>The above chart is for information only and should not be used as product specifications</i></p> <p><b>Recommended film thickness:</b>        Mils Wet 5.0 - 6.0        Mils Dry 0.8 - 1.0</p> <p><b>Spreading Rate</b> (no application loss) 225-361 sq ft/gal @ 0.8-1.0 mil DFT</p> <p><b>Drying</b> (77°F, 50% RH):        To Touch: 10-15 minutes        To Handle: 30-45 minutes        To Recoat: 60 minutes, do not exceed 12 hours</p> <p><b>Force Dry:</b>        To Sand 10 minutes at 140°F        To Recoat: 15 minutes at 140°F        To Pack: 60 minutes at 140°F</p> <p><b>Flash Point:</b> 22°F PMCC</p> <p><b>Package Life:</b> 3 years, unopened</p> <p><b>Air Quality Data</b> (Theoretical):</p> <ul style="list-style-type: none"> <li>• Non-photochemically reactive</li> <li>• Volatile Organic Compounds (VOC) as packaged, maximum:          5.63 lb/gal, 675 g/L          3.19 lbs VOC/lb solids</li> <li>• Hazardous Air Pollutants (HAPS) as packaged, maximum:          less than 0.8 lbs per pound of solids</li> </ul> <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility or at <a href="http://www.paintdocs.com">www.paintdocs.com</a></p>	<p><b>Wood</b> (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><b>Wood Finishing System:</b>        Three Coat System</p> <ol style="list-style-type: none"> <li>1. Moisture Resistant Lacquer, dry one hour, sand with stearedated paper</li> <li>2. Moisture Resistant Lacquer, dry one hour, sand with stearedated paper</li> <li>3. Moisture Resistant Lacquer</li> </ol> <p><b>Sanding Sealer System</b></p> <ol style="list-style-type: none"> <li>1. Vinyl Sanding Sealer, T67F3, T67F5, T67F6 or T67F7, dry 30 minutes and sand</li> <li>2. Moisture Resistant Lacquer, dry one hour</li> <li>3. Moisture Resistant Lacquer</li> </ol> <p>The 3 coat system is ideal for customers who like to limit the number of finishing materials they must have on hand to one product. <b>Do not exceed 4.0 mils DFT for the total system.</b></p> <p><b>Testing:</b> 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.</p>

## APPLICATION

### Typical Setups

**Reduction:** Normally not required. If reduction is needed use HAPS Compliant Lacquer Thinner, R7K320. Lacquer thinner K22 or K120 may also be used, but are not HAPS compliant. MAK, R6K30 can be used to retard the dry time & prevent film blushing.

### May be applied by:

Conventional Airless Spray  
Warm Spray  
Curtain Coating  
Consult your Sherwin-Williams Representative for details.

### Conventional Spray:

Air Pressure..... 50-65 psi  
Fluid Pressure ..... 12-15 psi

### Airless Spray:

Air Pressure ..... 1200-1800 psi Tip Size..... 009-013

### Cleanup:

Clean tools/equipment immediately after use with HAPS complying lacquer thinner, R7K320. Lacquer thinner, K120 or K22, may also be used, but are not HAPS compliant.

Follow manufacturer's safety recommendations when using any solvent.

## SPECIFICATIONS

### Product Limitations:

- Apply all coats within a 12 hour period or lifting may occur.
- Apply directly to bare or stained wood for best adhesion and moisture results. Adhesion may be impaired and resistance to moisture lowered if used over lacquer sealer. If a sealer is desired use Sherwood Vinyl Sealer, T67F3, T67F5, T67F6 or T67F7.
- Customer urged to pretest system under shop conditions.
- Sand and remove sanding dust between each coat.
- Not recommended for exterior use.
- To maintain HAPS compliance only reduce with HAPS compliant reducers.
- Do not exceed 4.0 mils DFT for the total system.

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### Household Chemicals Test

Maple panels were finished with 3 coats of Gloss Moisture Resistant Lacquer, with 1 hour drying between coats. After film was aged 30 days at 77°F, 5 drops of each item were placed under a watch glass for one hour. The film was rinsed with water, washed with soap and water, dried and wiped with VM&P Naphtha to remove items not removed with water. After removal, the finish was examined and the following results noted:

Household Ammonia	.....slight haze/dulling
Vinegar	.....no visual effect
Lipstick	.....no visual effect
Lemon Juice	.....no visual effect
50% Ethyl Alcohol	.....no visual effect
Mercurochrome 2%	.....no visual effect
Washable Blue Ink	.....no visual effect
Mustard	.....no visual effect
Oil Base Paint	.....no visual effect
Latex Emulsion Paint	.....no visual effect
VM&P Naphtha	.....no visual effect
Turpentine	.....no visual effect
Orange Crayon	.....no visual effect
Carbon Tetrachloride	.....no visual effect
Mayonnaise	.....no visual effect
10% Sodium Carbonate	...no visual effect
Sour Milk	.....no visual effect
Margarine	.....no visual effect
Butter	.....no visual effect
Water	.....no visual effect
Grease (Cooking fat)	.....no visual effect

## 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](http://www.paintdocs.com).

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

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