



**SHERWIN
WILLIAMS.**

Chemical Coatings

CC-F23

SHER-WOOD® CAB-Acrylic Lacquer

Gloss T75C15
 Bright Rubbed Effect T75F16
 Medium Rubbed Effect T75F17
 Dull Rubbed Effect T75F18

<u>DESCRIPTION</u>	<u>CHARACTERISTICS</u>	<u>SPECIFICATIONS</u>
<p>SHER-WOOD® CAB-Acrylic Lacquer is formulated to meet the water white and non-yellowing demands of the furniture, kitchen cabinet, and wood finishing markets. It is intended as a clear topcoat over white, "pickled" or light pastel stains where the best non-yellowing properties are required. Cellulose Acetate Butyrate (CAB)-Acrylic presents the best chemistry of lacquers for resistance to yellowing.</p> <p>Advantages:</p> <ul style="list-style-type: none"> • Meets the federal HAPS rule for wood products as packaged* • Water-white color • Excellent resistance to yellowing - superior to all nitrocellulose compositions • Meets KCMCA specifications when applied over Sher-Wood Vinyl Sealer T67F3, T67F5, T67F6 or T67F7 • VOC under 5.6 lb/gal** • Fast drying - similar to nitrocellulose lacquers • May be used directly over solid color lacquers as a "scuff coat" • Excellent film clarity and color retention • Application by conventional, airless or air assisted airless spray equipment • Excellent print resistance after overnight dry • May be used as a shading lacquer or toner by adding small quantities of Chroma Chem 844 colorants • Free of lead hazards as packaged in compliance with Consumer Product Safety Commission's (CPSC) 16 CFR Chapter II: Subchapter B, part 1303. <p>*National Standards for Hazardous Air Pollutants (HAPS) Emissions for Wood Furniture Manufacturing Operations CFR40, Part 63, Subpart JJ **VOC compliance limits vary from state to state; please consult local Air Quality rules and regulations.</p>	<p>Gloss(measured on black glass): Gloss 85+ units BRE 55-59 units MRE 30-34 units DRE 17-21 units</p> <p>Volume Solids: 19.2 ± 1%</p> <p>Viscosity: 26-32 seconds#2 Zahn Cup 23-26 seconds#4 Ford Cup</p> <p>Recommended film thickness: Mils Wet 4.5 - 6.0 Mils Dry 0.7 - 1.0</p> <p>Spreading Rate (no application loss) 310-443 sq. ft./gal. @ 0.7-1.0 mil dft</p> <p>Drying (77°F, 50% RH): To Touch: 10 minutes To Handle: 15-20 minutes To Sand: 30-60 minutes To Recoat: 30-60 minutes Force Dry: 10-20 minutes at 110-140°F</p> <p>Flash Point: 37°F Pensky-Martens Closed Cup</p> <p>Package Life: 18 months, unopened</p> <p>Air Quality Data: Non-photochemically reactive Volatile Organic Compounds (VOC) as packaged, maximum 5.60 lb/gal, 672 g/L 3.20 lbs VOC/lb solids Hazardous Air Pollutants (HAPS) as packaged, less than 0.8 lbs per pound of solids</p> <p>An Environmental Data Sheet is available from your local Sherwin-Williams facility.</p>	<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. Apply full wet coat of Sher-Wood Vinyl Sanding Sealer, T67F3 or T67F6 2. Air dry 30 minutes, sand, remove all sanding dust. 3. Apply full wet coat of Sher-Wood CAB-Acrylic Lacquer and allow 30-60 minutes drying. 4. For more depth and better appearance, apply a second coat.

APPLICATION

Reduction

In high humidity conditions or where blushing is evident, add 1-2% Butyl Cellosolve, R6K25, or MAK, R6K30, as a HAPS compliant alternative.

Typical Setups

Conventional Spray:

Air Pressure45-65 psi
Fluid Pressure 6-8 psi
Reducer none

Airless Spray:

Pressure 1200-1800 psi
Tip011-.015"
Reducer..... HAPS compliant lacquer thinner, R7K320 as needed up to 10%. Lacquer thinner, R7K120 may also be used, but is not HAPS compliant.

Air Assisted Airless:

Air Assist10-15 psi
Fluid Pressure 400-600 psi
Cap/Tip011-.015"
ReducerHAPS compliant lacquer thinner, R7K320 as needed up to 10%. Lacquer thinner, K120 may also be used, but is not HAPS compliant.

Cleanup:

Clean tools/equipment immediately after use with HAPS complying lacquer thinner, R7K320 or R7K322. 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:

- Surface to be finished must be free of grease, dirt, and other foreign matter.
- Sher-Wood Vinyl Sealer, T67F3, T67F5, T67F6 or T67F7, must be used as a sealer to meet the KCMA specification. Do not use any other lacquer or vinyl sealers under CAB-Acrylic Lacquer.
- Self-sealing systems are not recommended.
- Maximum cure and resistance properties are not obtained for at least 14 days air drying.
- Yellowing over white and pastel colors may occur due to the yellowing tendency of the color system (stain, basecoat, etc.), and not to the clear CAB-Acrylic topcoat.
- For interior use only.
- Agitate thoroughly before use.
- To maintain HAPS compliance only reduce with HAPS compliant reducers.

Performance Tests:

Wood test panels prepared with one coat Sher-Wood Vinyl Sealer, T67F3 and two coats Sher-Wood CAB-Acrylic Lacquer, T75F17 (MRE). Allowed to ambient age 30 days
Panels tested per KCMA Chemical Resistance methods.

Household Chemicals Test

Vinegar no effect
Lemon Juice no effect
Orange Juice no effect
Grape Juice no effect
Tomato Catsup no effect
Coffee no effect
Olive Oil no effect
100 Proof Alcohol no effect
Water and Detergent, 1% no effect
Mustard (1 hour) very slight discoloring

Cold Check Resistance 20 cycles

Resistance to Discoloration—films cast on white porcelain and exposed to 200 hours Mercury vapor sunlamp showed virtually no yellowing while conventional nitrocellulose lacquer exhibited substantial yellowing

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

SEE CONTENTS STATEMENT ON LABEL.

Contents are FLAMMABLE. Vapors may cause flash fires. Keep away from heat, sparks, and open flame. 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.21363-051905.

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.