TECHNICAL INFORMATION

SHER-WOOD® CAB ACRYLIC LACQUER FLAT WHITE
M64WH18

CHEMICAL COATINGS

PRODUCT DESCRIPTION

Sher-Wood® White CAB-Acrylic Lacquer M64WH18 is designed for interior wood finishing where light stable, non-yellowing whites and pastels are required. The white lacquer can be used for finishing kitchen cabinetry, furniture, and other interior woodworking. Cellulose Acetate Butyrate (CAB)-Acrylic represents the best chemistry of lacquers for resistance to yellowing.

Advantages:

1. Excellent resistance to yellowing-superior to all nitrocellulose compositions.
2. Meets KCMA specifications when applied over SHER-WOOD® Vinyl Sealer T67F3, White Vinyl Sealer P63W2 or White Vinyl Primer Surfacer P65WH74.
3. Use over nitrocellulose lacquer primers and primer surfaces in non - KCMA applications.
4. Fast drying - similar to nitrocellulose lacquers.
5. Non-Photochemically Reactive.
6. Application by conventional, airless, air assisted airless or HVLP spray equipment.
7. Excellent print resistance after overnight dry.
8. Can be tinted with Nuodex 844 colorants up to 4oz./gal. to make a variety of off white and pastel colors.
9. May be blended with SHER-WOOD® Clear CAB-Acrylic lacquer.

CHARACTERISTICS

Gloss (Flat): (60°) 15 - 20

Weight Solids: 36.2 " 2 %

Volume Solids: 23.5 " 1 %

Package Viscosity: #4 Ford 24-28 sec.
#2 Zahn 22-28 sec.

Spreading Rate:
377 sq ft/gal. @ 1.0 mil dry film
no application loss

Package Life: 18 months

Drying (Air Dry @ 77°F 50% RH):

To Touch:	10 min.
To Handle:	20 min.
To Sand or Recoat:	30-60 min.
To Pack:	Overnight

Force Dry: 10-20 min. @ 110-140°F

CHARACTERISTICS (continued)

Flash Point: 37°F PMCC

Air Quality Data:
Non-photochemically reactive. Volatile organic compounds (VOC) As packaged < 5.50 lbs/gal. (660 gm/l) Free of lead and chromate hazards.

Surface Preparation:
Wood surfaces must be clean, dry, finish sanded and dust free to insure optimum performance properties. Moisture content 6-8%.

APPLICATION

Recommended Film Thickness:

Wet:	4.0 - 6.0 mils
Dry:	0.9 - 1.3 mils

Maximum Dry Film for total system is 4.0 mils.

Conventional Spray: Apply at package viscosity with 30-45 psi atomizing pressure and 6-8 psi fluid pressure.
Airless Spray: Apply at package viscosity or reduce 5-10% with Lacquer Thinner K120. Use 1200-1800 psi pressure and .011-.015 spray tips.
Air Assisted Airless Spray:
Reduce 5 - 10% with Lacquer Thinner K120. Use 400 - 600 psi fluid pressure and 10-15 psi air pressure with .011-.015 spray tips.
HVLP: Use up to 9 psi atomizing pressure and 5-10 psi fluid pressure with .047 tip.

Note:
Additional reducer choices are: MEK for faster dry at 5-10% level R7K22 or Butyl Acetate for wetter spray than K120.

MAK (R6K30) retarder up to 5% level.

APPLICATION (continued)

Finishing System:

1. Spray a full wet coat of SHER-WOOD® Vinyl Primer Surfacer P65WH74 to hide grain. Apply a second coat if necessary. Where grain definition is desired, prime with White Vinyl Sealer P63W2 or Clear Vinyl Sealer T67F3. Air dry 30 minutes, sand and remove sanding dust.
2. SHWD® CAB ACRYLIC LACQUER FLAT WHITE-M64WH18-Pg. 2.
3. Apply a full wet coat of SHER-WOOD® CAB - Acrylic Lacquer, M64WH18 and allow 30 - 60 minutes drying.
4. For additional fullness, apply a second coat or apply a coat of clear CAB Acrylic Lacquer for depth and ultimate metal mark resistance.

Note: For Non-KCMA applications, nitrocellulose based SHER-WOOD® Wood Surfacer P65W1 or PRO-MAR® White Lacquer Under - coater B44WT1 may be applied under White CAB Acrylic Lacquer.

Clean up: Use Lacquer Thinner K120 or equivalent, following supplier safety recommendations.

Product Limitations:

1. Surface to be finished must be free of grease, dirt, and other foreign matter.
2. For KCMA application prime with T67F3, P63W2 or P65WH74 only.
3. Self-sealing systems are not recommended.
4. Maximum cure and resistance properties are not obtained for at least 14 days air-drying.
5. Customers are urged to pre-test the system under shop conditions.
6. For interior use only.
7. Agitate thoroughly before use.
8. In high humidity conditions or where blushing is evident, add 1-5% MAK R6K30.
9. Maximum dry film thickness of the system should not exceed 4.0 mils.
10. Seal routed edges of MDF with Sher-Wood® Vinyl Sealer, T67F3, before priming with Sher-Wood® Vinyl Primer Surfacer, P65WH74.

(CONTINUED ON BACK)

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CAUTIONS

DANGER! 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.

Refer To Material Safety Data Sheet, Air Quality Data Sheet, And Environmental Data Sheet For Additional And Most Current Information.

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 or guarantees as to the end results.

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Greensboro
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