

ChromaCat™ 680 White Sealer

OPAQUE PRE-CATALYZED LACQUER SANDING SEALER

Product Code: **651947**

ChromaCat™ 680 Sealer is an opaque white pre-catalyzed lacquer sanding sealer for use under ChromaCat 680 Opaque Pre-Catalyzed Lacquer.

Ideal for

- Doors & Millwork
- Cabinets & Casegoods
- Fixtures & Displays
- Interior wood surfaces
- Federal AIM compliant at < 680 g/l VOC
- NESHAP compliant—JJ (furniture)
- NESHAP complaint—QQQQ (doors & windows)

Performance Benefits

- No mixing—Ready to use
- Fast dry
- Easy to sand
- Excellent hide
- High solids
- Excellent build
- Super-Low HAPs

APPLICATION DATA

SURFACE PREPARATION: “White sand” wood with maximum 150 grit aluminum oxide sandpaper. Remove all sanding dust. Keep free of dirt, grease, silicone oils, lubricants and other contaminants.

APPLICATION EQUIPMENT: This product is designed for spray application through all types of equipment. Recommended settings are with trigger pulled:

Airless	No thinning required. Spray at 1000 to 1200 psi 411 or 513 tip
Air Assist	No thinning required. Spray at 700 to 900 psi fluid pressure 10 to 12 psi air cap, 411 or 513 tip.
HVLP	Thin up to 20-30% with recommended thinner. Spray at 28 psi through a 1.4 fluid nozzle.

THINNING: This product is designed to spray at package viscosity with most application equipment. Thinning requirements may vary with changes in temperature and spray room conditions. If thinning is desired, use 650870 Premium Lacquer Thinner, 652081 VOC Exempt Lacquer Thinner, 652210 No-HAP Lacquer Thinner or Acetone.

Note: Thinning will reduce film build and may increase VOCs or HAPs, unless using VOC Exempt or HAP-Free solvents.

AGITATION: This product must be kept under slow, constant agitation to ensure proper mixing.

CLEAN UP: Use lacquer thinner compliant with local air quality rules and regulations.

FINISHING SYSTEM

SEAL: Apply one coat (4-6 mils wet) of ChromaCat 680 PreCat Sanding Sealer. Allow 20 minutes* dry time and sand with 220 grit silicon carbide sandpaper before finishing.

FINISH: Apply two coats (3-5 mils wet) of 651955 ChromaCat 680 PreCat Lacquer. Allow 25 minutes* dry time and sand with 220/320 grit silicon carbide sandpaper between coats.

If desired, additional coats may be applied up to a total dry film of 5.0 dry mils.

*Dry times may vary with film thickness, temperature, humidity and air movement.

SAFETY PRECAUTIONS

Avoid breathing vapors, use a NIOSH approved cartridge respirator. Use pre-filters to avoid breathing spray particles or sanding dust.

Flammable Liquid and Vapor: Keep away from heat, sparks and flame. Ensure adequate ventilation during use. Clean up spills with non-sparking tools and inert absorbent material. Store solvent and lacquer soaked rags and filters in water-filled, closed containers prior to disposal. Dispose of in safe, approved manner.

Read Material Safety Data Sheet and label before using.

SPECIFICATIONS	
Coverage	290 square feet per gallon @ 1 mil dry film thickness
Viscosity	62-68 KU (Krebs Units @ 70°F)
Sag Resistance	10 mils vertical @ 65-70°F
Solids	34.5% by weight 3.01 lbs per gallon
VOC (Volatile Organic Compounds)	Calculated: 640 g/l (5.34 lb/gal)
HAP (Hazardous Air Pollutants)	Pounds HAP per Gallon: 0.0504 Pounds HAP per Pound Solids: <0.8 (actual 0.0166) Pounds HAP per Volume Solids: <0.48 (actual 0.2809)
Dry to Sand	20 minutes @ 65-70°F
CAUTION: Thinning will reduce film build and may increase VOCs and HAPs unless using VOC Exempt and/or HAP-free thinner.	

APPLICATION PRECAUTIONS

- ChromaCat 680 PreCat Sealer has a limited shelf life of approximately 12 months, unopened from date of manufacture. Usability and performance may not always be determined by viscosity. Shelf life will vary with storage conditions.
- ChromaCat 680 PreCat Sealer must not be used with conversion varnishes.
- When thinning, thin only the amount of product that will be used within a 24 hour period. Thinned material may hard settle over time.
- This product is not recommended for exterior use.
- The coating, substrate and curing temperatures should remain above 60°F. Extremes in temperature and humidity may affect product performance.
- Total film build of finishing system must not exceed 5.0 dry mils.
- This product has been tested on a limited amount of substrates and under a limited number of coatings. The user is responsible for testing suitability and performance for their specific application.
- Designed for professional use by spray application only.

Shipping & Storage Information

Flash Point: -4°F Pensky-Martin

OSHA Flammability Class: Flammable Liquid—Class IB

DOT Class: Paint, 3, UN 1263, PG II



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