

# 680 White Vinyl Sealer

## OPAQUE PRE-CATALYZED VINYL SANDING SEALER

Product Code: **652130**

680 Opaque Vinyl Sealer is a pre-catalyzed white 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 < 680 g/l VOC  
NESHAP compliant—JJ (furniture)  
NESHAP complaint—QQQQ (doors & windows)

### Performance Benefits

Pre-catalyzed  
Fast dry  
Excellent coverage and hide  
Easy to sand  
High solids  
Excellent build and hold out  
Superior water resistance  
Ultra 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 with trigger pulled:

Airless	1000 to 1200 psi—411 or 513 tip
Air Assist	700 to 900 psi fluid pressure, 10 to 12 psi air cap, 411 or 513 tip
HVLP	Thin up to 20-30%. Spray at 28 psi through a 1.4 fluid nozzle.

**THINNING:** This product is formulated to spray at package viscosity with most equipment. If thinning, use Rudd 650870 or 652081 Premium Lacquer Thinners, 652210 No-HAP Lacquer Thinner or Acetone.

*Caution: Thinning with solvents will reduce film build and increase VOCs (unless using 652081 Zero VOC Lacquer Thinner or Acetone).  
Note: Thinning requirements may vary with changes in temperature and spray room conditions. Thinning may increase HAPs unless using 652210 No HAP Lacquer Thinner.*

**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 680 Opaque White Vinyl 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 Rudd ChromaCat 680 Opaque Pre-Cat 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:** Keep away from heat, sparks and flame. Ensure adequate ventilation during use.

Read Material Safety Data Sheet and label before using.

## SPECIFICATIONS

Coverage	422 square feet per gallon @ 1 mil dry film thickness
Viscosity	39-45 seconds (Zahn 2 @ 70°F)
Sag Resistance	9 mils vertical @ 65-70°F
Solids	46.1 % by weight 4.35 lbs per gallon
VOCs (Volatile Organic Compounds)	Calculated: 4.28 lb/gal 514 g/l
HAPs (Hazardous Air Pollutants)	Pounds HAPs per Pounds Solids: < 0.8
HAPs* (Hazardous Air Pollutants)	Pounds HAP per Volume Solids: < 0.48
Dry to Sand	20 minutes @ 65-70°F
CAUTION: Thinning will reduce film build and increase VOCs.	

## APPLICATION PRECAUTIONS

680 White Vinyl Sealer has a limited shelf life of approximately 12 months from date of manufacture. Usability and performance may not be determined by viscosity. Shelf life will vary with storage conditions.

680 White Vinyl 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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