

MiraVar™ 550 Sealer

OPAQUE CONVERSION VARNISH SANDING SEALER WHITE

Product Code: **310704**

MiraVar™ 550 Sealer is a two-part, acid catalyzed, opaque white conversion varnish sanding sealer ideal for interior wood cabinetry and fine finishing.

Ideal for

- Kitchen cabinets
- Bathroom cabinets
- Wood placed in high moisture areas
- Residential table and bar tops
- NESHAP compliant—JJ (furniture)

Benefits

- High solids produces excellent build
- Fills edges on MDF
- Excellent hang and sag resistance
- Fast dry, easy sanding
- Excellent powder, minimal 'scratching'
- Provides superior water resistance
- 24 hour pot life
- Low HAP

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. Mixing or pumping equipment that is in constant contact with Conversion Varnish should be constructed of stainless steel or other anti-corrosive material. The recommended settings below are with the trigger pulled.

Airless	No thinning required. Spray at 1000 or 1200 psi 411 or 513 tip
Air Assist	No thinning required. Spray at 700 or 900 psi fluid pressure 10-12 psi air cap 411 or 513 tip
HVLP	Thin up to 20-30% with appropriate 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 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

MIXING DIRECTIONS: Add 3% (4 fluid ounces) of Rudd 03-143 Catalyst per gallon. Stir well during and after adding catalyst.

POT LIFE: 1 day (24 hours) @ 65-70°F.

SEAL: Apply one coat (4-6 mils wet) of MiraVar 550 Opaque Sealer. Allow to dry 30 minutes*. Sand with 220/320 grit silicon carbide sandpaper before finishing.

FINISH: Apply one or two coats (3-5 mils wet) of 310745 MiraVar Plus 550 conversion varnish finish. Allow to dry 40 minutes between coats. Sand between all coats with 220/320 grit silicon carbide sandpaper.

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 in safe, approved manner.

Read Material Safety Data Sheet and label before using.

SPECIFICATIONS	
Coverage	740 square feet per gallon @ 1 mil dry film
Viscosity	70-80 KU (Krebs Units @ 75° F)
Sag Resistance	9 mils vertical @ 65-70° F
Solids	65.5% by weight 7.11 lbs per gallon
VOC (Volatile Organic Compounds)	Calculated: 442 g/l (3.69 lb/gal) Catalyzed: 440 g/l (3.67 lb/gal)
HAP (Hazardous Air Pollutants)	Pounds HAP per Gallon: 1.768 Pounds HAP per Pound Solids: < 0.8 (actual 0.2470) Pounds HAP per Volume Solids: 3.718
Dry to Sand	30 minutes @ 65-70° F
CAUTION: Thinning will reduce film build and increase VOCs. Use VOC Ex-empt Thinners or acetone if necessary to maintain compliance with VOC limits at your location.	

APPLICATION PRECAUTIONS

- Do not use alkaline based products to clean surfaces finished with a MiraVar 550 Opaque Conversion Varnish system.
- This product MUST be sanded between all coats to ensure proper adhesion. This product MUST be re-coated within 8 hours of being sanded.
- Tint only with Colortools™ or 844 Colorants. Do not exceed 4 fl. oz. of colorant per gallon of coating.
- This product is not recommend for exterior use.
- Finish, substrate and curing temperatures should remain above 60°F, extremes of 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 number of substrates and over a limited number of coatings. The user is responsible for testing suitability and performance for their specific application.
- For best results, use within 12 months of manufactured date.
- Designed for professional use by spray application only.

Shipping & Storage Information

Flash Point: 53° F Pensky-Martin

OSHA Flammability Class: Flammable Liquid—Class IB

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



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