

MiraVar™ 550 VOC

OPAQUE CONVERSION VARNISH WHITE

Product Code: 310608

MiraVar™ 550 VOC Conversion Varnish White is a two-part, opaque conversion varnish ideal for interior wood cabinetry where a flawless finish is required.

Ideal For

- Kitchen cabinets
- Bathroom cabinets
- Wood placed in high moisture areas
- Residential table and bar tops

- Exceeds KCMA performance tests
- NESHAP compliant—JJ (furniture)

Benefits

- Non-yellowing
- Excellent water and chemical resistance
- Exceptional abrasion resistance
- 24 hour pot life
- High build
- Outstanding hide
- Excellent flow, leveling and sandability
- Tintable

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 with all types of spray equipment. Mixing or pumping equipment that is in constant contact with Conversion Varnish should be constructed of stainless steel or other anti-corrosive material.

THINNING: This product is designed for spray application at package viscosity with all equipment. If thinning, use Rudd 650870 Premium Lacquer Thinner, Rudd 651393 No-HAPS Lacquer Thinner, or Acetone. For additional open time use Rudd 650921 Retarder as needed.

Caution: Thinning with solvents will reduce film build and increase VOCs (unless using Acetone). Note: Thinning requirements may vary with changes in temperature and spray room conditions.

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

CLEAN UP: Use lacquer thinner.

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 (3-4 mils wet) of Rudd 310158 MiraVar 550 VOC Opaque Conversion Varnish Sanding Sealer or MiraVar 550 VOC Opaque White Conversion Varnish as its own sealer. Allow to dry 40 minutes*. Sand with 220/320 grit silicon carbide sandpaper before finishing.

FINISH: Apply one or two coats (3-4 mils wet) of MiraVar 550 VOC Opaque Conversion Varnish. 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: Keep away from heat, sparks and flame. Assure adequate ventilation during use.

Read Material Safety Data Sheet and label before using.

AVAILABLE SHEENS*

Gloss	High Semi-Gloss	Semi-Gloss	Satin	Flat
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KCMA FINISH TEST

Vinegar	No visual effect
Lemon Juice	No visual effect
Orange Juice	No visual effect
Grape Juice	No visual effect
Catsup	No visual effect
Olive Oil	No visual effect
100 Proof Alcohol	No visual effect
Coffee	No visual effect
MEK Resistance	200+ single rubs showed no removal of finish
Water Ring	Passed at 190°F after 30 minutes
Edge Soak	Passed 24hr KCMA test with no softening, discoloration or film defects

SPECIFICATIONS

Coverage	630 square feet per gallon @ 1 mil dry film
Viscosity	19–24 Seconds (#2 Zahn @ 75° F)
Sag Resistance	4 mils vertical @ 65–70° F
Solids*	56.5–57.5% by weight 5.48–5.63 lbs per gallon
VOCs* (Volatile Organic Compounds)	Calculated: 4.16–4.22 lb/gal 499–507 g/l
HAPs* (Hazardous Air Pollutants)	Pounds HAP per Pounds Solids: 0.087 - 0.093
Dry to Sand	40 minutes @ 65–70° F
Block Free	16 hours @ 5 mils wet
*Variations depend on gloss	
CAUTION: Thinning will reduce film build and increase VOCs.	

*Call for current Stock Sheens and Package Sizes.

APPLICATION PRECAUTIONS

- MiraVar™ 550 VOC Opaque White Conversion Varnish can be used as a self seal system or as a topcoat over Opaque White Conversion Varnish Sanding Sealer.
- Do not use alkaline based products to clean surfaces finished with MiraVar 550 VOC Opaque Conversion Varnish.
- 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.

Shipping & Storage Information

Flash Point: 45° F Pinsky-Martin

OSHA Flammability Class: Flammable Liquid—Class IB

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



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