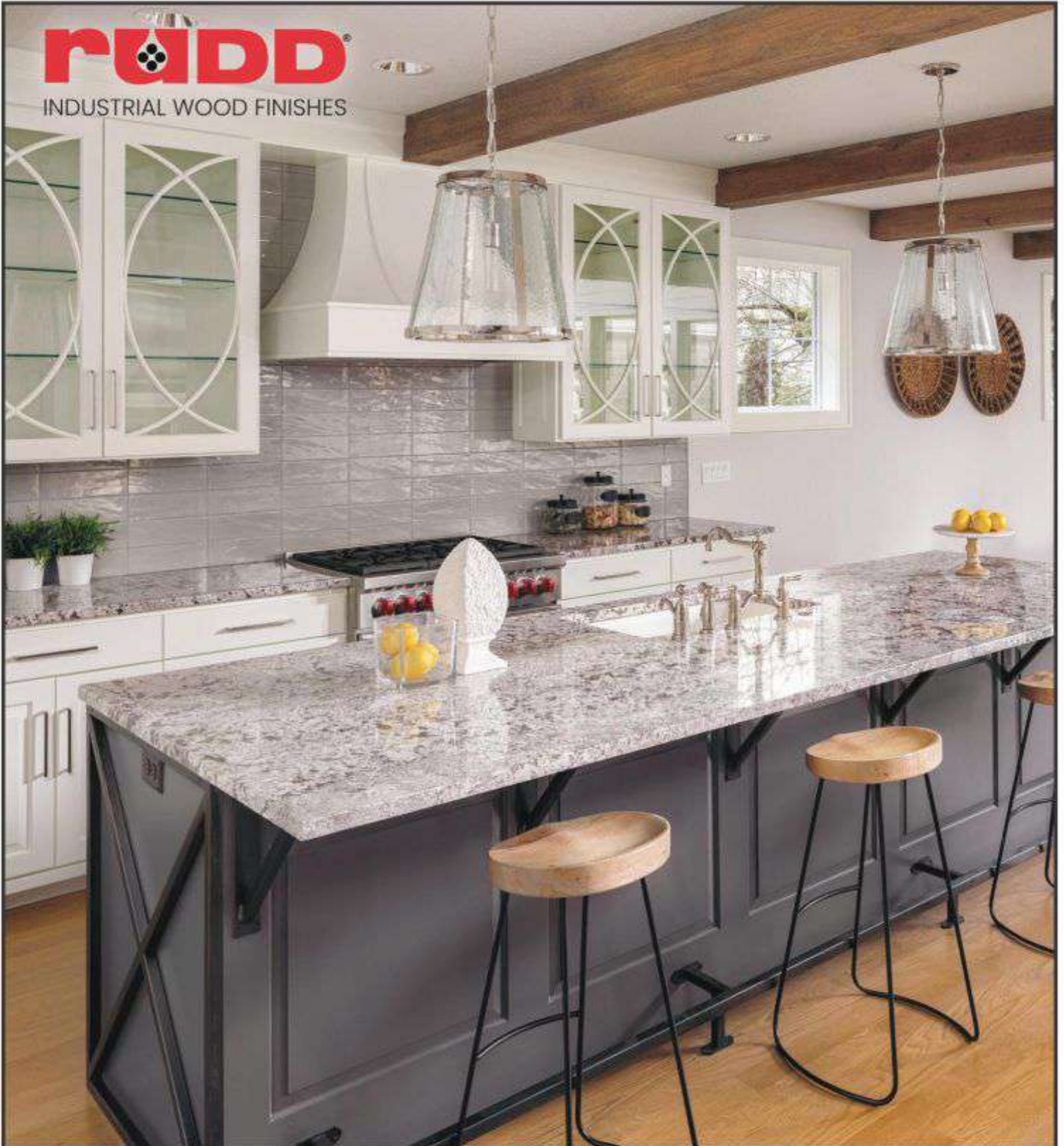


RUDD

INDUSTRIAL WOOD FINISHES



MiraVar™ Series

OPAQUE CONVERSION VARNISH

Create Timeless Beauty In Your Home

- Endless color possibilities
- Non-yellowing, high-hide coating keeps colors true
- Superior chemical and moisture resistance make for easy cleaning

www.ruddcompany.com

MiraVar™ Series

OPAQUE CONVERSION VARNISH

MiraVar™ Opaque Conversion Varnish is the ideal coating for kitchen cabinets, bathroom cabinets, commercial cabinetry, displays and fixtures, office and institutional furniture, and all general interior wood finishing.

Meet your customers' expectation for a premium finish in both durability and beauty. MiraVar's exceptional mar and abrasion resistance, coupled with superior chemical and moisture resistance provides the ultimate in overall protection. And, whether it's a solid color in classic white, a bold deep tone, or a mix and match of a painted look with natural or stained wood, MiraVar delivers the perfect look and feel.

Benefits

- Non-Yellowing
 - Unlimited color possibilities
 - Luxurious and smooth to the touch
 - Tough, mar and abrasion resistant finish
 - Resists common food stains
 - Withstands common household chemicals
 - Exceptional moisture resistance
 - Surpasses all KCMA testing standards
- 
- High solids with excellent build & superior hide
 - Ready-to-spray, no thinning required
 - Excellent flow, leveling and sandability
 - Can be used as self-seal system
 - Apply with Conventional, HVLP, Air-Assisted, or Airless equipment
 - Tintable bases to create unlimited colors
 - Compatible with Rudd Industrial Wood Finish Color Systems
 - Flexible - withstands long periods of expansion & contraction
- Low HAP content to meet NESHAP rules
 - Available in 550 VOC and 275 VOC formulations

MiraVar™ Plus 550 Opaque Conversion Varnish - White (310745)

MiraVar™ Plus 550 Opaque CV is a two-component, acid catalyzed, <550 VOC, white conversion varnish finish.

Specifications

Coverage Rate:	675-700 sq ft per gallon @ 1 mil dry film
Viscosity:	28-34 Seconds (#2 Zahn @ 75° F)
Sag Resistance:	5 mils vertical @ 65-70° F
Solids:	58.2-60.9% by weight 5.57-5.96 lbs per gallon
VOC*:	Calculated: 459-480 g/l (3.83-4.00 lb/gal) Catalyzed: <485 g/l (4.05 lb/gal)
HAP**:	Pounds HAP per Pounds Solids: < 0.8
Dry to Sand:	40 minutes @ 65-70° F
Block Free:	24 hours @ 5 mils wet
Sheens:	Gloss, Semi-Gloss, Satin, Flat

Added Benefits

- Superior hang & sag resistance
- 24 hour pot life
- MEK Resistance - 200+ single rubs showed no removal of finish
- Ultra-Low HAP
- Achieve Bold and Deep Tone Colors with MiraVar 550 Tint Bases
 - Deep Base 310711
 - Clear Base 310695

Finish Testing

	Excellent Rating
	Excellent Rating
	Excellent Rating
	Excellent Rating
	Excellent Rating

MiraVar™ 550 Opaque Conversion Varnish Sanding Sealer - White (310704)

MiraVar™ 550 Opaque CV Sanding Sealer is a two-component, acid catalyzed, <550 VOC, white conversion varnish sanding sealer formulated for use under MiraVar 550 topcoats.

Specifications

Coverage Rate:	740 sq ft 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*:	Calculated: 442 g/l (3.69 lb/gal) Catalyzed: <440 g/l (3.67 lb/gal)
HAP**:	Pounds HAP per Pounds Solids: < 0.8
Dry to Sand:	30 minutes @ 65-70° F

Benefits

- 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

Finish Testing

All Rudd Industrial Wood Finishes are subjected to rigorous laboratory and field testing prior to release. We are dedicated to formulating and producing quality coatings that give consistent results in application, appearance and end-use performance. Finishes are developed and tested utilizing ASTM and KCMA test methods: 5 = Excellent, 4 = Very Good, 3 = Good, 2 = Fair, 1 = Poor. Our goal is your success!



Chemical Resistance Test is performed to determine the finish's ability to withstand typical household substances that may come in contact with cabinets in a home. MiraVar Series have been tested against the following substances.

Vinegar	Lemon Juice	Orange Juice	Grape Juice
Catsup	Olive Oil	100 Proof Alcohol	Coffee



Edge Soak Test is performed to determine a coated cabinet door's resistance to water and detergent. MiraVar Series are tested using KCMA test procedures.



Hot Water Ring Test is performed to determine the coatings ability to withstand hot fluids for extended periods of time. 190° hot water ring sits on coating for 30 minutes.



Crosshatch Test is performed to test the finish's ability to adhere to substrates and other finishes.



Cold Check Test is performed to determine the coatings resistance to expansion and contraction at varying film thicknesses.

MiraVar™ 275 Opaque Conversion Varnish - White (310601)

MiraVar™ 275 Opaque CV is a two-component, acid catalyzed, <275 VOC, white conversion varnish finish.

Specifications

Coverage Rate:	660 sq ft per gallon @ 1 mil dry film
Viscosity:	16-20 Seconds (#2 Zahn @ 75° F)
Sag Resistance:	4 mils vertical @ 65-70° F
Solids:	48.7-52.1% by weight 4.59-5.05 lbs per gallon
VOC*:	Calculated: 249-260 g/l (2.07-2.17 lb/gal) Catalyzed: 263-274 g/l (2.19-2.28 lb/gal)
HAP**:	Pounds HAP per Pounds Solids: < 0.8
Dry to Sand:	40 minutes @ 65-70° F
Block Free:	24 hours @ 4 mils wet
Sheen:	Gloss, Satin, Flat

Added Benefits

- Super-Low HAP
- Low VOC
- Achieve Deep Tone Colors with MiraVar 275 Tint Base
 - Deep Base 310702

Finish Testing



Excellent Rating



Excellent Rating



Excellent Rating



Excellent Rating



Excellent Rating

MiraVar™ 275 Opaque Conversion Varnish Sanding Sealer - White (310668)

MiraVar™ 275 Opaque CV Sanding Sealer is a two-component, acid catalyzed, <275 VOC, white conversion varnish sanding sealer formulated for use under MiraVar 275 topcoats.

Specifications

Coverage Rate:	610 sq ft per gallon @ 1 mil dry film
Viscosity:	30-60 Seconds (#2 Zahn @ 75° F)
Sag Resistance:	5 mils vertical @ 65-70° F
Solids:	55.7% by weight, 5.62 lbs per gallon
VOC*:	Calculated: 208 g/l (1.73 lb/gal) Catalyzed: <225 g/l (1.88 lb/gal)
HAP**:	Pounds HAP per Pounds Solids: < 0.8
Dry to Sand:	45 minutes @ 65-70° F

Benefits

- Fills edges on MDF
- Fast, easy sanding
- Super-Low HAP
- Low VOC



* Volatile Organic Compounds

** Hazardous Air Pollutants