



NuWave[™] Series

WATER BASE PRE-CATALYZED LACQUERS

Environmentally friendly coatings for your home

- Non-yellowing, high solids coating keeps your wood beautiful and protected
- Superior chemical resistance make for easy clean up
- Breath easy with low VOC formulas

NuWave™ Series

WATER BASE PRE-CATALYZED LACQUERS

NuWave™ Water Base Pre-Catalyzed Lacquers are excellent choices for kitchen cabinets, bathroom cabinets, commercial cabinetry, displays and fixtures, table tops, office and institutional furniture, and all general interior wood finishing where the use of traditional solvent-borne lacquers are not convenient or desired.

NuWave water base precat lacquers are the next generation of high performance, environmentally friendly water base technology. These products offer excellent durability and are formulated to be self-sealing or used over a companion sealer. The primary benefits are excellent chemical resistance, a durable hard finish, VOC compliance, and an environmentally friendly formulation.

Benefits

- Non-Yellowing
- Very low odor
- Exceptional Adhesion
- Fast dry
- Easy to use
- Surpasses all KCMA testing standards
- Ultra low/no HAP to meet NESHAP rules
- AIM compliant 275 g/l VOC



- Excellent chemical resistance
- High solids with excellent build
- Ready-to-spray, no thinning required
- Apply with Conventional, HVLP, Air-Assisted, or Airless equipment
- Compatible with Rudd Industrial Wood Finish Color Systems

NuWave™ Clear Water Base Pre-Catalyzed Lacquer (280103)

NuWave™ clear water base is a single-component, high solids, pre-catalyzed lacquer.

Specifications

Coverage Rate:	440 sq ft per gallon @ 1 mil dry film
Viscosity:	25-30 Seconds (#2 Zahn @ 75° F)
Sag Resistance:	5 mils vertical @ 65-70° F
Solids:	29.7-33.3% by weight 2.5-2.8 lbs per gallon
VOC*:	Calculated: 236-262 g/l (2.0-2.2 lb/gal)
HAP**:	Pounds HAP per Pounds Solids: < 0.8
Dry to Sand:	45 minutes @ 65-70° F
Block Free:	18 hours @ 65-70° F
Sheens:	Flat, Satin and Semi-Gloss

Added Benefits

- Quick dry for faster production
- Can be used self-seal

Finish Testing

	5 Rating
	4 Rating
	5 Rating
	5 Rating
	5 Rating

NuWave™ Clear Water Base Pre-Catalyzed Sanding Sealer (280115)

NuWave™ Clear Water Base Sanding Sealer is a single-component, high solids sanding sealer formulated for use under NuWave Clear Water Base Pre-Catalyzed Lacquer topcoat.

Specifications

Coverage Rate:	500 sq ft per gallon @ 1 mil dry film
Viscosity:	26 Seconds (#2 Zahn @ 75° F)
Sag Resistance:	4 mils vertical @ 65-70° F
Solids:	34.4% by weight, 2.96 lbs per gallon
VOC*:	Calculated: 227 g/l (1.9 lb/gal)
HAP**:	Pounds HAP per Pounds Solids: < 0.8
Dry to Sand:	25 minutes @ 65-70° F

Benefits

- Provides superior chemical and water resistance
- Easy to sand

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. NuWave 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. NuWave 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.

NuWave™ Opaque Water Base Pre-Catalyzed Lacquer White (280190)

NuWave™ Opaque Water Base Pre-Catalyzed Lacquer is a premium single-component, high solids white precat lacquer.

Specifications

Coverage Rate: 490-600 sq ft per gallon @ 1 mil dry film
 Viscosity: 80 KU (Krebs Units @ 77° F)
 Sag Resistance: 7 mils vertical @ 65-70° F
 Solids: 38.2-53.0% by weight
 3.55-5.68 lbs per gallon
 VOC*: Calculated: 112-154 g/l (0.93-1.28 lb/gal)
 HAP**: Pounds HAP per Pounds Solids: < 0.8
 Dry to Sand: 50 minutes @ 65-70° F
 Block Free: 24 hours @ 65-70° F
 Sheens: Flat, Satin, Semi-Gloss, High Semi-Gloss

Added Benefits

- Exceptional hide
- Excellent vertical hang
- Can be used self-seal
- Durable, hard finish

Finish Testing

	4 Rating
	5 Rating
	5 Rating
	5 Rating
	5 Rating



NuWave™ Opaque Water Base Pre-Catalyzed Lacquer Deep Base (280180)

NuWave™ Opaque Water Base Deep Base is a ready to use, pre-catalyzed, high solids tint base used to produce deep-tone colored finishes.

Specifications

Coverage Rate:	450 sq ft per gallon @ 1 mil dry film
Viscosity:	35-40 Seconds (#2 Zahn @ 75° F)
Sag Resistance:	4 mils vertical @ 65-70° F
Solids:	30.9-33.3% by weight, 2.64-2.89 lbs per gallon
VOC*:	Calculated: 250-260 g/l (2.09-2.16 lb/gal)
HAP**:	Pounds HAP per Pounds Solids: < 0.8
Dry to Sand:	35 minutes @ 65-70° F
Block Free:	24 hours @ 65-70° F
Sheens:	Satin and Semi-Gloss

Benefits

- Achieve beautiful deep tone colors
- Excellent hide
- Can be used self-seal

Finish Testing

	4 Rating
	5 Rating
	5 Rating
	5 Rating
	5 Rating

NuWave™ Opaque Water Base Pre-Catalyzed Sanding Sealer White (280119)

NuWave™ Opaque Water Base is a white single-component, high solids sanding sealer for use under NuWave Water Base Opaque topcoats.

Specifications

Coverage Rate:	550 sq ft per gallon @ 1 mil dry film
Viscosity:	77 KU (Krebs Units @ 75° F)
Sag Resistance:	5 mils vertical @ 65-70° F
Solids:	50.5% by weight 5.41 lbs per gallon
VOC*:	Calculated: 211 g/l (1.76 lb/gal)
HAP**:	Pounds HAP per Pounds Solids: < 0.8
Dry to Sand:	25 minutes @ 65-70° F

Added Benefits

- Excellent stain blocking properties
- Easy to sand

* Volatile Organic Compounds

** Hazardous Air Pollutants

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