



INDUSTRIAL WOOD FINISHES



DuraCat™ Series

**WATER-CLEAR PRE-CATALYZED
LACQUERS**

**Classic beauty that holds up
to everyday life.**

- Non-yellowing, durable coatings keep your colors true
- Easy clean up keeps your home looking beautiful

www.ruddcompany.com

DuraCat™ Series

CLEAR PRE-CATALYZED LACQUERS

DuraCat™ Water-Clear PreCat Lacquer 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 while keeping up with your production needs. DuraCat's exceptional solids and build, coupled with superior chemical and moisture resistance provides the excellent overall protection. And, whether it's with natural or stained wood, DuraCat delivers the perfect performance and beauty.

Benefits

- Non-Yellowing
- Outstanding chemical and moisture resistance
- Resists common food stains
- Withstands common household chemicals
- Surpasses all KCMA testing standards
- Low HAP content to meet NESHAP rules
- Available in 680 VOC and 275 VOC formulations



- Ready to use, no catalyst to add
- 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
- Compatible with Rudd Industrial Wood Finish Color Systems
- Flexible - withstands long periods of expansion & contraction

DuraCat™ 550 Water-Clear Pre-Catalyzed Lacquer (651810)

DuraCat 550 Water-Clear PreCat is a ready to use, <550 VOC, pre-catalyzed lacquer.

Specifications

Coverage Rate:	295 sq ft per gallon @ 1 mil dry film
Viscosity:	17-19 Seconds (#2 Zahn @ 77° F)
Sag Resistance:	5 mils vertical @ 65-70° F
Solids:	26.2-27.7% by weight 2.0-2.1 lbs per gallon
VOC*:	Calculated: 537-547 g/l (4.47-4.55 lb/gal)
HAP**:	Pounds HAP per Pound Solids: < 0.8
Dry to Sand:	20 minutes @ 65-70° F
Block Free:	6 hours @ 5 mils wet
Sheens:	Gloss, High Semi-Gloss, Semi-Gloss, Satin, Flat

Added Benefits

- Fast stack time
- Ultra low HAP

Finish Testing



Excellent Rating



Excellent Rating



Very Good Rating



Excellent Rating



Excellent Rating

DuraCat™ 680 Water-Clear Pre-Catalyzed Lacquer Sanding Sealer (651975)

DuraCat 680 Water-Clear PreCat Sealer is a ready to use, <680 VOC, pre-catalyzed lacquer sanding sealer for use under DuraCat 550 topcoats.

Specifications

Coverage Rate:	290 sq ft per gallon @ 1 mil dry film
Viscosity:	21-25 seconds KU (#2 Zahn @ 77° F)
Sag Resistance:	5 mils vertical @ 65-70° F
Solids:	25.3% by weight, 1.92 lbs per gallon
VOC*:	Calculated: 615 g/l (5.12 lb/gal)
HAP**:	Pounds HAP per Pound Solids: < 0.8
Dry to Sand:	20 minutes @ 65-70° F

Benefits

- Excellent flow and leveling
- Low odor
- Easy sand
- Ultra 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. DuraCat 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. DuraCat 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.

DuraCat™ 275 Water-Clear Pre-Catalyzed Lacquer (651885NF)

DuraCat 275 Water-Clear PreCat is a ready to use, <275 VOC, pre-catalyzed lacquer.

Specifications

Coverage Rate:	275 sq ft per gallon @ 1 mil dry film
Viscosity:	17-19 Seconds (#2 Zahn @ 77° F)
Sag Resistance:	5 mils vertical @ 65-70° F
Solids:	23.7-25.0% by weight 1.8-1.9 lbs per gallon
VOC*:	Calculated: 266-274 g/l (2.22-2.28 lb/gal)
HAP**:	Pounds HAP per Pound Solids: < 0.8
Dry to Sand:	20 minutes @ 65-70° F
Block Free:	16 hours @ 5 mils wet
Sheen:	High Semi-Gloss, Semi-Gloss, Satin

Added Benefits

- Ultra low HAP
- Low VOC
- Superior bubble release & film clarity
- Enhanced blush resistance

Finish Testing



Excellent Rating



Excellent Rating



Very Good Rating



Excellent Rating



Excellent Rating

DuraCat™ 275 Water-Clear Pre-Catalyzed Lacquer Sanding Sealer (651825NF)

DuraCat 275 Water-Clear PreCat Sealer is a ready to use, <275 VOC, pre-catalyzed lacquer sanding sealer formulated for use under DuraCat 275 topcoats.

Specifications

Coverage Rate:	250 sq ft per gallon @ 1 mil dry film
Viscosity:	17-19 Seconds (#2 Zahn @ 77° F)
Sag Resistance:	5 mils vertical @ 65-70° F
Solids:	22.1% by weight, 1.6 lbs per gallon
VOC*:	Calculated: 273 g/l (2.28 lb/gal)
HAP**:	Pounds HAP per Pound Solids: < 0.8
Dry to Sand:	20-25 minutes @ 65-70° F

Benefits

- Excellent hang and sag resistance
- Good holdout
- Superior bubble release and film clarity
- Low odor
- Ultra low HAP
- Low VOC

* Volatile Organic Compounds

** Hazardous Air Pollutants



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