



**RUDD COMPANY, INC**  
Manufacturers of Quality Coatings Since 1912

www.ruddcompany.com • 206-789-1000

## PRE-CATALYZED LACQUER

# DuraCat™ 680 VOC Sealer

## WATER CLEAR PRE-CATALYZED SANDING SEALER

Product Code: **651975**

DuraCat™ 680 VOC Clear Sealer is a water clear, pre-catalyzed sealer for use with Rudd PreCat Clear Lacquers.

### Ideal for

- Furniture
- Millwork
- Cabinetry & Casegoods
- Interior Wood Work
  
- AIM compliant at 680 g/l VOC
- NESHAP compliant—JJ (furniture)
- NESHAP compliant—QQQQ (doors & windows)

### Benefits

- Water clear
- Non-yellowing
- Excellent water and chemical resistance
- Low odor
- Easy sand
- Excellent flow and leveling

## 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 application equipment.

**THINNING:** No thinning required. This product is designed to spray at package viscosity with all application equipment. If thinning is desired, use Rudd 650870 Premium Lacquer Thinner, Rudd 651393 No-HAP 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.

**CLEAN UP:** Use lacquer thinner.

## FINISHING SYSTEM

**STAIN:** When staining wood, use Rudd ColorTools™ Dye Stain, ColorTools™ Spray Only Stain, or ColorTools™ Wiping Stain.

**SEAL:** Apply one coat (3 -4 mils wet) of DuraCat 680 VOC Clear Sealer. Allow to dry 20 minutes\*, sand with 220/320 grit silicon carbide sandpaper before finishing.

**FINISH:** Apply two coats (4—6 mils wet) of Rudd PreCat Clear Lacquer. Allow 20 minutes\* dry time and sand with 220/320 grit silicon carbide sandpaper between coats.

If desired, additional coats may be applied up to a total dry film of 5.0 dry mils.

\*Dry times will 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. Ensure adequate ventilation during use.

Read Material Safety Data Sheet and label before using.

## SPECIFICATIONS

Coverage	290 square feet per gallon @ 1 mil dry film thickness
Viscosity	21–25 seconds (#2 Zahn Cup @ 77° F)
Sag Resistance	5 mils vertical @ 65–70° F
Solids	25.3% by weight 1.92 lbs per gallon
VOCs (Volatile Organic Compounds)	Calculated: 5.12 lb/gal 615 g/l
HAPS (Hazardous Air Pollutants)*	Pounds HAP per Pounds Solid: 0.017
Dry to Sand	20 minutes @ 65–70° F
CAUTION: Thinning will reduce film build and increase VOCs.	

## APPLICATION PRECAUTIONS

- DuraCat 680 VOC Clear Sealer has a limited shelf life of approximately 6 months from date of manufacture.
- Usability and performance may not be determined from viscosity. Shelf life will vary with storage conditions.
- Do not use DuraCat 680 VOC Clear Sealer in heated spray equipment.
- This product is not recommended for exterior use.
- Clear finishes will not prevent natural (unstained) wood from changing color over time.
- Finish, substrate and curing temperatures should remain above 60° F, extremes of temperature and humidity may affect product performance.
- Total film build of 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.
- Designed for professional use by spray application only.

### Shipping & Storage Information

**Flash Point:** -4° F Pinsky-Martin

**OSHA Flammability Class:** Flammable Liquid—Class IB

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



Rudd Company, Inc. · 1141 NW 50th St. · Seattle, WA 98107  
ruddcompany.com · 206-789-1000

To the best of our knowledge the technical data contained herein are true and accurate at the date of issuance and are subject to change without prior notice. User must contact Rudd Company, Inc. to verify correctness before specifying or ordering. No guarantee of accuracy is given or implied. We guarantee our products to conform to Rudd Company, Inc. quality control. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of products. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY THE SELLER, EXPRESSED OR IMPLIED, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.