

Scion™ ZF Clear CV Sealer

ZERO FORMALDEHYDE CONVERSION VARNISH SEALER

Product Code: **310667**

Scion™ ZF Clear Conversion Varnish Sealer is a two-part, formaldehyde free, acid cure 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

- AIM compliant at 680 g/l VOC
- NESHAP compliant—JJ (furniture)
- NESHAP compliant—QQQQ (doors & windows)

Performance Benefits

- Zero Formaldehyde CV resin technology
- Low odor
- Clear finish (inherent slight yellow cast)
- Color of clear finish will not change
- Excellent water and chemical resistance
- 24 hour pot life
- Excellent flow and leveling
- High Build
- Excellent sanding properties

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. For additional open time use Rudd 650921 Retarder as needed.

Caution: Thinning with solvents will reduce film build and increase VOCs. 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

MIXING DIRECTIONS: Add 3% (4 fluid ounce) of Rudd 03-350 ZF Catalyst per gallon. Stir well during and after adding catalyst.

POT LIFE: 1 day (24 hours) @ 65–70 °F.

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

SEAL: Apply one coat (3-4 mils wet) of Scion ZF Clear Conversion Varnish Sealer. Allow to dry 20 minutes*. Sand with 220/320 grit silicon carbide sandpaper before finishing.

FINISH: Apply one or two coats (3-4 mils wet) of 310630 Scion ZF Clear 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 time will vary with film thickness, temperature, humidity & air flow.

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.

SPECIFICATIONS

Coverage	400 square feet per gallon @ 1 mil dry film
Viscosity	22 Seconds (#2 Zahn @ 75 °F)
Sag Resistance	4 mils vertical @ 65–70 °F
Solids	30.8% by weight 2.34 lbs per gallon
VOCs (Volatile Organic Compounds)	Calculated: 5.24 lb/gal 629 g/l
HAPS (Hazardous Air Pollutants)	Pounds HAP per Pounds Solids: 0.03
Dry to Sand	20 minutes @ 65–70 °F
CAUTION: Thinning will reduce film build and increase VOCs.	

APPLICATION PRECAUTIONS

- This product MUST be catalyzed with 03-350 ZF Catalyst. Do not catalyze with any other Rudd acid catalyst.
- This product has an inherent slight yellow cast and cannot be made water-clear. The dry film will not change color.
- Do not thin this product with Acetone or solvent blends containing Acetone.
- This product MUST be sanded between all coats to ensure proper adhesion. This product MUST be re-coated within 8 hours of being sanded.
- Total film build of system must not exceed 5.0 dry mils.
- Finish, substrate and curing temperatures should remain above 60 °F, extremes of temperature and humidity may affect product performance.
- Do not use alkaline based products to clean surfaces finished with the Scion ZF Clear Conversion Varnish system.
- This product is not recommend for exterior use.
- 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 with spray application only.

Shipping & Storage Information

Flash Point: 23 °F Pensky-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.