

Product Data Sheet



691T

Conversion Varnish Series

Description

HELIOVAR Conversion Varnish is formulated for interior woodwork where a tough, mar resistant finish is required. It can be used as a self-seal product or over a conversion type sealer. It meets the finish test requirements of the Kitchen Cabinet Manufacturers Association (KCMA) when used as a self-seal product or over a Conversion Varnish Sealer. To prevent costly refinishing, all application procedures should be tested under ambient conditions to ensure adhesion, compatibility, and product appearance.

Features

- Fast Dry For Easier Handling & Quicker Re-coat
- Easy-to-Apply
- Excellent Build, Mar, Chemical and Moisture Resistance
- Ready to Apply
- This product is HAPS Compliant.

Use

Warnings

Always pre-test the system on your substrate and line conditions to verify suitability and avoid costly refinishing. Care should be taken to keep ambient temperatures above 65 deg F. for substrate and coating. Abnormal conditions of temperature and humidity may adversely affect product performance.

Preparation

For best results, if applied over maple and birch, the surface should be freshly sanded up to 180 grit sandpaper before continuing with finishing procedures. Other substrates should be freshly sanded appropriately before finishing. Use silicon carbide paper only. Wood should be clean and dust-free with a moisture content of 6 – 8% prior to finishing. Proper sanding and preparation of the substrate is critical to achieving consistent results.

Mixing

Always add catalyst under agitation. Catalyze with 999CH.019 Acid Catalyst EP @ 10% (13oz./gal.) by volume. If required: reducing may be done with 992RT.004.x Butyl Acetate NEVER TO EXCEED 5% by volume. Mix thoroughly before use. Pot Life: 8 hours @ 77F. Mix only the material which will be used during its pot life. Material must be properly disposed of after exceeding pot life.

Application

If Using 691T Series as a self seal system, apply the seal coat in one smooth even application of 3 – 4 mils wet film thickness. Machine sand (for best results) or hand sand with 240 – 230 grit, steared silicon carbide sandpaper. Top Coat: Verify the surface is clean and dust-free, then apply an even, wet coat of four (4) mils. If additional coats are needed, wait 45 minutes between applications then scuff-sand with 280 – 320 grit steared silicon carbide sandpaper and re-coat. **WARNING: EXCESSIVE FILM THICKNESS WITH CATALYZED FINISHES MAY CAUSE COATING FAILURE.** Total dry film thickness should not exceed four (4) mils. All products should be stirred well before use and, for best results, continuously agitated while in use. Do not mix with other finishing systems. Nanochem will not be held liable for finish failure resulting from mixing products or systems.

Clean-up

Use lacquer thinner to clean equipment. Dispose of dirty solvent and cleaning rags in a safe and appropriate manner. Solvent or lacquer soaked rags should be stored in water-filled, closed containers prior to disposal.

Associated Products

999CH.019	Acid Catalyst EP	992RT.004.x	Butyl Acetate
691T9.038.x	High Gloss	691T6.038.x	Semi Gloss
691T4.038.x	Satin	691T2.038.x	Dull
691T1.038.x	Flat	391SL.106.x	Precat Vinyl Sealer

These products are recommended for professional application and are designed for interior use only. Failure to adhere to the recommendations as set forth on this Product Data Sheet may result in unsatisfactory results. Please consult your salesperson prior to making any modifications to these procedures. See salesperson to obtain SDS and Certified Product Data sheets if required.

691T



Rev 04/2016 (Supersedes All Previous Revisions)

Nanochem Technologies 1203 Kent St Elkhart IN 46514 574.970.2436 www.nanochemtechnologies.com

PDS 691T 04/2016