

Technical Data Sheet ELSEAL300 Revision Date: 11/8/2019

PRODUCT CODES: ELSEAL300

**AVAILABLE SHEENS: NA** 

NAME: ENVIROTHANE 300 CLEAR SEALER

**DESCRIPTION:** ELSEAL300 sealer is designed as a fast drying, high build clear sealer for use under

Envirolak topcoats. The product provides good clarity and sanding. Used in conjunction with Envirolak water based topcoats, this product will meet KCMA

standards.

**USES:** This product is designed for interior wood finishing applications such as cabinetry,

tables, furniture and millwork.

**PRODUCT** Reduction is not required. Product should be at room temperature and mixed

**PREPARATION:** thoroughly prior to finishing to ensure consistency and gloss.

**SANDING:** Substrate should be sanded with 180 grit sandpaper prior to staining or applying sealer.

Sand sealer with 320 grit or Superfine sponges. Stains should be allowed to dry prior to

application of seal coat. Suitable topcoats include Envirolak EL100XX series or

ELNYC300XX series (water-white).

**RECOMMENDED** Spray type: Air Assist Airless

APPLICATION: Fluid Pressure: ~400-600 PSI

Air Pressure: 20-25 PSI Tips: 06 or 09

Wet Film Build: 3-6 mils (double pass)

Number of Coats: 1-2 depending on desired look

Drying Times: See Below

Maximum Dry Film Build: 6 mils (total system)

\*can also be applied by Cup Gun without reduction

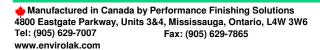
PHYSICAL Specific Gravity: 1.039 ± 2%

PROPERTIES: Viscosity: AFNOR 4 Cup, 90 seconds @20℃

Solids Content: 30.5% by weight

Pot Life: None Flash Point: >75 °C

VOC's: 132 g/L, 1.10 lb/gal VOC's (Less Exempt): 310 g/L, 2.59 lb/gal







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## **DRYING TIMES:**

Dry to Touch Air dry: 10 Minutes Dry to Sand (20°C/68°F) 30-50 Minutes Dry to Stack 12 Hours

Note: Gentle air movement (recirculator or fan) while parts are drying will reduce dry to

sand times by 20-40%

5 Minutes **Conventional Oven:** Dry to Touch 15-25 Minutes Dry to Sand (40-45°C/104-113°F) Dry to Stack 3-4 Hours

Flash off 2 Minutes **Sun-Spot IR Cure:** 

(Recommended) Cure 10 Minutes @60-70 ℃

> Cool Down 5-10 Minutes

Product is dry to sand (or stack) after cooling

**GENERAL** Use stainless steel (304/316) equipment for all water based products. When switching INFORMATION:

between solvent and water based products in the same spray equipment we suggest

the following:

From Solvent to Water: Wash with acetone, then wash with water. From Water to Solvent: Wash with water, then wash with acetone.

Keep containers closed when not in use and wash all equipment well. Keep from

freezing.

These products are designed for industrial use only. Please refer to the Safety Data

Sheet prior to use.

SHELF LIFE: 12 months in unopened containers

STORAGE: Store in a tightly closed container at room temperature (18-25 °C/64-75 °F) and protect

from direct sunlight and foreign material. Do not store at temperatures below 5 °C/41 °F.

Disclaimer: Every reasonable precaution is taken by the manufacturer in the manufacture of our products to ensure that they comply with our standards. The information given herein is correct to the best of our knowledge. Any suggestions made by us covering the use of our products are based on experience and/or tests believed to be reliable. However, because the use of any product of our manufacture is completely beyond our control, including for example, the method and conditions of application, no guarantee or warranty, expressed or implied, is made. Manufacturer's maximum liability shall be to replace such quantity of product determined by our laboratory to be defective. User shall determine the suitability of the product for his intended use and assumes all risk and liability in connection therewith.

