

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 PREPARATION: Reduction is not required. Product should be at room temperature and mixed 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 APPLICATION:	Spray type:	Air Assist Airless
	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 PROPERTIES:	Specific Gravity:	1.039 ± 2%
	Viscosity:	AFNOR 4 Cup, 90 seconds @20°C
	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

EnviroLak

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

DRYING TIMES:

Air dry: (20°C/68°F)	Dry to Touch	10 Minutes
	Dry to Sand	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%	
Conventional Oven: (40-45°C/104-113°F)	Dry to Touch	5 Minutes
	Dry to Sand	15-25 Minutes
	Dry to Stack	3-4 Hours
Sun-Spot IR Cure: (Recommended)	Flash off	2 Minutes
	Cure	10 Minutes @60-70°C
	Cool Down	5-10 Minutes
	Product is dry to sand (or stack) after cooling	

GENERAL INFORMATION:

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

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