



## CERTI-VEX ENVIO<sup>®</sup> CURE CLEAR-1315 VOC

**Non Settling • Sprayable • Uniform**

VOC Content: 285 gr./liter or 2.38 #/gal. – Cure and Seal

### DESCRIPTION

**CERTI-VEX ENVIO CURE CLEAR 1315 VOC** is a premium curing compound, based on Polyalpha Methylstyrene technology designed to meet the toughest performance and testing requirements. The product is non-settling, easy to use quick drying and resists moisture loss to the lowest levels to ensure the concrete reaches maximum hardness, wear resistance and strength properties. The product is ideal for use where top performance is needed or to meet the strictest requirements of testing agencies.

### BENEFITS

- Meets EPA & AIM VOC regulations
- Provides for complete development of concrete's wear resistance and strength properties
- Prevents efflorescence, dusting and spalling
- Low moisture transmission rates
- Water borne for environmental concerns
- Cleans up easily with water when wet
- Economical
- Can apply to 40<sup>o</sup>F

### APPLICATION

Apply Certi-Vex Envio Cure Clear 1315 VOC as soon as possible after the concrete receives its final finishing, just as the water sheen disappears. Do not add thinner as the product is supplied at the proper consistency for spraying. Dilution will reduce curing efficiency. Thoroughly mix Certi-Vex Envio Cure Clear 1315 VOC by air or mechanical methods before use to ensure best results and ease of application.

Apply by brush, roller or sprayer, however, application by sprayer is preferred. The sprayer should generate at least 40 psi (275 kPa) and spray 1/2 gallon (2 L) of material per minute. The Chapin model 1949 or equivalent is recommended. Apply at 100 sq.ft. /gal. , (5.0 m /L) 2 coats @ 200 sq.ft. /gal or less depending on the method of application or specification requirement. Contact Vexcon or your distributor for assistance in product application techniques. COAT UNIFORMLY - LEAVE NO GAPS

To clean equipment: When wet use water. When dry use **Certi-Vex<sup>®</sup> Equipment Cleaner** and flush with water.

### SPECIFICATIONS/COMPLIANCE

A SPECIAL FORMULATION DESIGNED TO MEET ASTM DOT SPECIFICATION 1315 LIQUID MEMBRANE-FORMING COMPOUNDS HAVING SPECIAL PROPERTIES FOR CURING AND SEALING CONCRETE. Meets ASTM C-309 Type I Class A&B, ASTM C 1315, Class B, Type I, AASHTO M-148 Type I, FAA, CRD-C 300, and Utah DOT Spec 706.25 option 1, Utah Public Works Association 1997, Sec.2.2A, B, C, D. Product is available as a clear or with Red Fugitive Dye.

### TOPCOATS AND ADHESIVES

Certi-Vex Envio Cure Clear 1315 VOC cured concrete can be topcoated with a variety of paint, adhesives and mastics, a minimum of 28 days after application. It is strongly suggested that a test area be applied prior to coating the entire surface, since products can adhere to concrete in varying degrees. Concrete cured with Certi-Vex Envio Cure Clear 1315 VOC is typically topcoated without incident, however, it is advisable to check with manufacturer of the topcoat for any precautionary information.

### FREEZING

Certi-Vex Envio Cure Clear 1315 VOC is supplied as a solvent-in-water emulsion. Not recommended for use at temperatures below 40° F (4° C). Keep from freezing and do not store outside in the winter months.

### PACKAGING

Certi-Vex Envio Cure Clear 1315 VOC is available in 55-gallon drums and 5-gallon pails. Also available in totes, bulk containers and bulk shipments. Contact Vexcon to discuss your customized packaging requirements.

### VITAL STATISTICS

- Flash Point: >200° F (93° C), TCC
- Boiling Point, Azeotrope:MS & water 200° F (93° C)
- Autoignition Temp: ND
- Extinguishing Media: Foam, CO<sub>2</sub>, Water Fog or spray

### **THIS PRODUCT INCLUDES**

<u>Material or Component</u>	<u>Cas No.</u>	<u>Hazardous Data</u>	<u>UN#</u>
Titanium dioxide	13463-67-7	10 mg/M <sup>3</sup> , Total Dust	
Calcium carbonate	1317-65-3	15 mg/M <sup>3</sup> , Total Dust 5 mg/M <sup>3</sup> , Respirable Dust	
AR100 Solvent	64742-95-6	TLV 50 ppm	1268
Emulsifier/Additives		N/D	
Water		N/A	
Alpha Methyl Styrene Polymer	9011-11-4	ND	

Common Name: Alpha Methyl Styrene  
D.O.T. Shipping Name: Certi-Vex Envio Cure Clear 1315  
VOC -VOC (Non-regulated)

### **HEALTH AND SAFETY**

This product is a solvent-in-water emulsion. All precautions provided are for the solvent portion, of which this product contains less than 7%.

- Use only with adequate ventilation
- Use of gloves, goggles and other protective clothing is advised when using this product.
- If swallowed, do not induce vomiting.
- Use of respirators is advised when using in confined areas.

Vexcon MSDS #CC117 is an integral part of the safety and application of our product. A short synopsis is provided in this product data sheet. Before using this product, it is advisable to obtain a copy of the MSDS, #CC117, from your distributor or by contacting Vexcon Chemicals.

- **FOR USE BY PROFESSIONAL APPLICATORS ONLY**

### **CONTACT US @**

Additional product information, technical assistance and customer service is available by contacting Vexcon Chemicals directly or our distributors.

- [www.vexcon.com](http://www.vexcon.com)
- [Technicalservice@vexcon.com](mailto:Technicalservice@vexcon.com)
- [Customerservice@vexcon.com](mailto:Customerservice@vexcon.com)
- [Sales@vexcon.com](mailto:Sales@vexcon.com)
- Voice: 888.839.2661
- Fax: 215.332.9997

### **SHELF LIFE**

If properly stored in its original sealed container, one year from date of manufacture. Rotate your stock.

