

**VEXCON**  
CHEMICALS, INC.Concrete solutions for architects, engineers and builders since 1974  
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## **CERTI-VEX ENVIO® CURE CLEAR-1315**

**NON-SETTLING • SPRAYABLE • UNIFORM**

### **DESCRIPTION**

**CERTI-VEX ENVIO CURE CLEAR 1315** is a premium curing compound, based on Polyalpha Methyl styrene 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°F

### **APPLICATION**

- Apply Certi-Vex Envio Cure Clear 1315 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 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. For sprayer recommendation refer to Vexcon's Technical Note TN170 available at [vexcon.com](http://vexcon.com).
- Apply at 200 sq.ft. /gal. , (5.0 m<sup>2</sup>/L) 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® Equipment Cleaner** and flush with water.

### **SPECIFICATIONS/COMPLIANCE**

A SPECIAL FORMULATON DESIGNED TO MEET ASTM DOT SPECIFICATION 1315 LIQUID MEMBRANE-FORMING COMPOUNDS HAVING SPECIAL PROPERTIES FOR CURING AND SEALING CONCRETE.

- VOC <350 gr/liter or < 2.92 #/gal
- Meets:
  - USEPA AIM – Concrete Curing Compounds
  - OTC – Concrete Curing Compound
  - LADCO/MRPO - Concrete Curing Compound
  - CEPA/EC – Concrete Curing Compound
  - CARB – Concrete Curing Compound
  - SCAQMD – Rule 1113 - Concrete Curing Compound for roads & bridges only (not for use on curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas)
- 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,
- 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 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 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 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.

## **SPECIAL NOTES**

- For use by professional contractors only
- Shelf Life: If properly stored in its original sealed container, one year from date of manufacturer. Rotate your stock.
- Storage/ Handling: Store in tightly sealed original factory container. Keep from freezing and exposure to moisture. Store at room temperature prior to use. Care should be taken to keep dirt, water and contaminants away from the opening of containers.
- Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- Proper application of Vexcon material is the responsibility of the installer or user. Telephone consultation and/or field visits by Vexcon personnel are for the sole purpose of making technical recommendations only, and not for providing quality control or supervision on location.

## **PACKAGING**

Certi-Vex Envio Cure Clear 1315 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

## **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 CC118 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, CC118, from your distributor or visit [vexcon.com](http://vexcon.com).

## **SHELF LIFE**

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

## **CONTACT US @**

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

- [vexcon.com](http://vexcon.com)
- [techservice@vexcon.com](mailto:techservice@vexcon.com)
- [customerservice@vexcon.com](mailto:customerservice@vexcon.com)
- [sales@vexcon.com](mailto:sales@vexcon.com)
- Voice: 888.839.2661
- Fax: 215.332.9997

## **WARRANTY**

LIMITED WARRANTY: Vexcon warrants for a period of one (1) year from the date of manufacture that the goods supplied hereunder shall be of its standard quality and free of defects, and conforms to (a) Vexcon's published specifications in force on the date of acceptance by Vexcon of the order and (b) the sample which has been made available for testing by buyer prior to sale. Any claim under this warranty must be made in writing to Vexcon Chemicals within sixty (60) days after such non-conformity is first discovered. As the EXCLUSIVE REMEDY for any breach of this Limited Warranty, Vexcon at its option shall replace nonconforming goods or refund the purchase price. Since methods of use and application are beyond Vexcon's control, this Limited Warranty IS IN LIEU OF ALL OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THOSE CONCERNING MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. THIS LIMITED WARRANTY IS ALSO IN LIEU OF ANY OTHER POSSIBLE LIABILITIES OF VEXCON, WHETHER ALLEGED TO ARISE BY AGREEMENT OR BY OPERATION OF LAW, RESPECTING THE SALE, APPLICATION, USE OR FUNCTION OF VEXCON'S PRODUCTS, INCLUDING BUT NOT LIMITED TO CLAIMS OF NEGLIGENCE, GROSS NEGLIGENCE, MISUSE, STORAGE DAMAGE, MISAPPLICATION, ACCIDENT, STRICT LIABILITY OR ANY OTHER TORT. No person is authorized by Vexcon to assume for it any other liability of any kind in connection with the sale or use of products manufactured and sold by it, and there are no oral agreements or warranties collateral to or affecting any sale or use. All of the foregoing arises under the substantive law of Pennsylvania without regard to principles of conflicts of laws.

LIMITATION OF LIABILITY: IN ALL EVENTS VEXCONS LIABILITY SHALL BE LIMITED TO THE PURCHASE PRICE OF PURCHASED PRODUCTS. IN NO EVENT SHALL VEXCON BE LIABLE FOR PERSONAL INJURY OR PROPERTY DAMAGE, REAL OR PERSONAL, ATTRIBUTED TO ITS PRODUCTS, NOR FOR ANY EXCAVATION, REMOVAL, REAPPLICATION, DOWN TIMES, CLEANUP, LOSS OF USE, LOSS OF OPPORTUNITY, LOSS OF MARKET VALUE, LOSS OF RENTAL VALUE OR FOR ANY LOSS OF PROFITS OR OTHER SPECIAL, INCIDENTAL, RESULTING, CONSEQUENTIAL OR EXEMPLARY DAMAGES.