

**VEXCON**
CHEMICALS, INC.Concrete solutions for architects, engineers and builders since 1974
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CERTI-VEX ENVIO[®] CURE ASPHALT

BLACK VOC CURING COMPOUND

DESCRIPTION

CERTI-VEX ENVIO CURE ASPHALT is an emulsified hydrocarbon resin based curing compound ideal for use on fresh concrete that will be subsequently coated with bituminous mastic (asphalt) compounds, as well a sealer for new asphalt to seal off pores, hairline cracks, to provide water resistance, and to consolidate the new surface.

Certi-Vex Envio Cure Asphalt dries quickly to form a tough, continuous, protective membrane. This film allows the concrete to develop maximum strength during its early hardening stage. Meets ASTM C309, AASHTO M-148 and VOC requirements. On asphaltic pavements, it seals against the damaging effects of water and salt penetration.

BENEFITS

- When used as a concrete cure, provides for complete development of concrete's wear resistance and strength properties.
- When used as a sealer on patches, prevents cracking and early evaporation from the patching material.
- Low moisture transmission rates
- Quick drying
- Excellent toughness and chemical resistance
- Economical
- Available to meet requirements of various state DOTs
- Manufactured in Vexcon's computed controlled facility to ensure certified performance

APPLICATION - TO CONCRETE

- Thoroughly mix before using or placing in spray reservoir.
- Do not dilute.
- Apply by sprayer, brush or roller.
- Uniformly coat leaving no gaps.
- Apply as soon as possible after the concrete has received final finishing, just as the water sheen disappears.
- If application is delayed concrete must be kept wet, preferably by water spray mist, until Certi-Vex Envio Cure Asphalt can be applied.
- Apply at 200-300 sq.ft. /gal. (5.0-7.5 m²/L)

APPLICATION - TO ASPHALT

- Thoroughly mix drum before using or placing in spray reservoir.
- Do not dilute.
- Apply by sprayer, brush or roller.
- Uniformly coat leaving no gaps.
- Apply approximately one hour after completion of patching operations.
- Consult the patch manufacturer's directions before top coating the patching material.
- Apply at 200 sq.ft/gal. (5.0 m²/L.).
- To clean equipment: When wet, use water, when dry use **Certi-Vex[®] Equipment Cleaner** and flush with water.

SPECIFICATIONS/COMPLIANCE

- VOC: <100 gr./liter or <0.83 #/gal.
- Meets
 - US EPA AIM – Concrete Curing & Sealing
 - OTC – Concrete Curing Compound
 - LADCO/MRPO – Concrete Curing Compound
 - CEPA/EC – Concrete Curing Compound
 - CARB – Concrete Curing Compound
 - SCAQMD – Rule 1113 – Concrete Curing Compound
- Meets or exceeds the requirements of ASTM C 309, Type 1 Class A
- AASHTO M-148
- ASTM C-309 – Water Retention – Bee Labs Report 1504-3
 - 24hr 0.09 kg/m²
 - 72hr 0.18 kg/m²
- PA D.O.T Pub 35 Bulletin 15 Section 711.2 (b), class E-1
- CSI: [03 39 23.13], [32 13 13]

TOPCOATS AND ADHESIVES

Certi-Vex Envio Cure Asphalt is a non-dissipating curing compound. Topcoats and adhesives are not recommended for use over Certi-Vex Envio Cure Asphalt. If a topcoat or adhesive is to be applied consult Vexcon Chemicals prior to use of Certi-Vex Envio Cure Asphalt.

SPECIAL NOTES

- Application temperature range: 40°F-90°F (4.4°C – 32°C). For temperatures outside this range review Vexcon's Cold and/or Hot Weather Application Guides.
- Shelf Life: If properly stored in its original sealed container, one year from date of manufacture. 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.

PHYSICAL PROPERTIES

- | | |
|----------------------|-----------------------|
| • Solids (min.) | 20% |
| • Wt/Gallon | 8.36 # |
| • Moisture Retention | .41 kg/m ² |
| • Color | Black |

PACKAGING

Certi-Vex Envio Cure Asphalt is available in 55-gallon drums and 5-gallon pails. Contact Vexcon directly to discuss your customized packaging requirements.

HEALTH AND SAFETY

- 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 SDS CC111 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 Vexcon product it is advisable to obtain a copy of the SDS, from your distributor or visit vexcon.com

CONTACT US @

Additional product information, technical assistance and customer service are available by contacting your distributors or visit vexcon.com.

- vexcon.com
- techservice@vexcon.com
- customerservice@vexcon.com
- 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.

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