



Performance Construction Chemicals

## CERTI-VEX ENVIO<sup>®</sup> STRIP AFR

Oil Based Premium Release for Pre-Cast & Steam Cured Products

VOC Content: 445 gr./liter or 3.71 #/gal. – Form Release Compound

### DESCRIPTION

**CERTI-VEX ENVIO STRIP AFR** has been developed based on extensive field and laboratory research to provide a premium release on aluminum, pre-cast forms and with steam curing. The product is an acid neutral premium release agent manufactured from a proprietary blend of specialty oils and additives to meet VOC regulations while being 100% oil based. When applied by sprayer, brush or roller the product offers 100% coverage for the entire form providing a uniform release that avoids heavy build up and uncovered areas. Certi-Vex Envio Strip AFR will not crater or bead. Residual concrete dust can be wiped off with a rag or water washed to a clean surface. This reduction in heavy build up reduces form preparation between uses increasing the forms useful life and decreasing labor and maintenance costs. No surface preparation is required for subsequent coatings or treatments of formed concrete. Certi-Vex Envio Strip AFR is quick drying, non-staining, and leaves no residue or film on the concrete. Ideal for use on aluminum, pre-cast forms, plywood, lumber, steel, plastics and treated paper.

### BENEFITS

- Non-freezing
- Protects environment and workers
- Non-staining
- Quick drying
- Excellent release performance for aluminum, metal and plywood forms
- Minimum labor-just spray, brush, roll or dip forms
- Reduces surface preparation and painting costs.

### SPECIFICATIONS/COMPLIANCE

- Meets or exceeds the requirements of the Corp of Engineers, Civil Works Construction Guide, CW-0301, section 2.1.2. and 3.1.3
- Bureau of Reclamation Standards
- NJ Administrative Code Title 7, chapter 27 subchapter 23
- N.Y. Environmental Conservation law section 205.5
- VOC Compliant: 445 gr./liter or 3.71 #/gal. – Form Release Compound

### SPECIAL NOTES

- Manufacturers of coatings or treatments should be consulted for special application requirements of their product.
- Do not use as a bond breaker for concrete on concrete.
- Can apply to 20<sup>0</sup>F – Request Cold Weather Application Guide
- If properly stored in its original sealed container, one year from date of manufacture. Rotate your stock.

### APPLICATION

Forms and other surfaces that are to be made bond free should be cleaned before applying Certi-Vex Envio Strip AFR. Remove previous build up of concrete, rust, scale and dirt, and repair any holes or fractures from previous use before applying. Certi-Vex Envio Strip AFR is ready to use directly from its container, do not dilute. It may be applied by; brush, roller, or spray to forms immediately before pouring concrete. However, because Certi-Vex Envio Strip AFR or any other form release agent must be kept off reinforcing steel and any other embeddings, spray application must be done with care when forms and steel are already in place. An alternative is to coat forms with Certi-Vex Envio Strip AFR just prior to erection of rebar steel. Certi-Vex Envio Strip AFR can be effective for up to three weeks before concrete is poured. It is also recommended that forms be treated with Certi-Vex Envio Strip AFR between each pour and before long periods of idleness or storage. Coat Uniformly - Leave No Gaps.

### COVERAGE

500-1000 sq.ft. /gal (12.5-25 m<sup>2</sup>/L) depending on porosity, texture and form material.

### PACKAGING

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

### VITAL STATISTICS

- Flash Point: 126° F (52° C) TCC
- Boiling Point: 340-600° F (171-316° C)
- Autoignition Temp: 494° F (256° C)
- Extinguishing Media: Foams, Dry Chemical, CO<sub>2</sub>, Water fog or spray.

### PHYSICAL PROPERTIES

- Color: Clear oil based liquid
- Wt/gal: 7.28 ± 0.1
- Acid number: None
- Carrier: Petroleum Oil

### **HEALTH AND SAFETY**

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

Vexcon MSDS #FR105 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 MSDS, #FR105 from your distributor or by contacting Vexcon Chemicals.

### **CONTACT US @**

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

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