



VEXCON
CHEMICALS, INC.

Concrete solutions for architects, engineers and builders since 1974
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CERTI-VEX® FORM RELEASE LINE AIM

FORM TREATMENTS • CHEMICALLY ACTIVE • OIL BASE

DESCRIPTION

CERTI-VEX FORM RELEASE VOC AIM products are premium chemically active form release agents that ensure a clean positive release for many types of concrete forms. Certi-Vex Form Release VOC AIM products are ready to use and ideal for all applications ranging from foundations to architectural concrete.

Manufactured from highly refined hydro-treated oil, Certi-Vex Form Release VOC AIM products form a chemical barrier that reacts with the alkalis in the concrete preventing sticking and build up, easily releasing the form from the concrete. The resulting concrete is stain and residue free and ready for subsequent coatings or treatments of the formed concrete. These products include a special rust inhibitor to minimize rust formation on steel forms.

Certi-Vex Form Release VOC AIM is available in two ready to use grades providing flexibility in cost and performance.

Certi-Vex FR VOC AIM: Our premium chemically active release formulated with virgin oil stocks and proprietary release agents.

Certi-Vex FR-L VOC AIM: A pure virgin oil stock formulated to provide superior release in a cost competitive system.

BENEFITS

- Provides clean and smooth grain free concrete surfaces
- Reduces concrete build up and surface air voids (bug holes)
- Ensures easy stripping of forms
- Will not stain or discolor concrete
- Quick drying
- Minimizes concrete surface dusting
- Minimum labor-just spray, brush or dip forms
- Reduces surface preparation and painting costs
- All grades perform effectively on all standard materials including plywood, lumber, steel, plastic and treated paper
- Protects and maintains forms
- Use at temperatures as low as 20°F (-7°C)
- Minimizes rust formation

RECOMMENDED FOR

- Architectural concrete
- Pre-cast, Pre-stressed concrete
- General forming applications
- Foundations

SHORT SPECIFICATION

03 11 13: Low VOC form release agent with rust inhibitor that will not bond with stain or adversely effect concrete surfaces and will not impair subsequent treatments of concrete surfaces

SPECIFICATIONS/COMPLIANCE

- Both grades of Certi-Vex Form Release VOC meet or exceed 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
- VOC: FR-L VOC AIM and FR VOC AIM: <250 g/liter or <2.08 /gal.
- Meets
 - US EPA VOC regulations - Form Release Compound
 - OTC - Form Release Compound
 - LADCO - Form Release Compound
 - Canada - Form Release Compound
 - CARB - Form Release Compound
- Ohio EPA contact with potable water
- CSI reference: 03 11 00 – Concrete Forming

APPLICATION

- Forms and other surfaces that are to be made bond free should be cleaned before applying.
- Clean rust, scale, dirt and remove any concrete buildup with **Certi-Vex Concrete Remover**
- Repair any holes or fractures from previous uses before applying.
- Apply by sprayer, brush, and roller or dipped on forms immediately before pouring concrete. However, because Certi-Vex Form Release VOC AIM products or any other form release agent must be kept off reinforcing steel and any other embedment's, spray application must be done with care when forms and steel are already in place. An alternative is to coat forms just prior to erection of rebar steel.
- Certi-Vex Form Release VOC AIM products can be effective for up to three weeks before concrete is poured.
- It is also recommended that forms be treated between each pour and before long periods of idleness or storage.
- Coat uniformly - Leave no gaps

SPECIAL NOTES

- Do not use as a bond breaker for concrete on concrete applications
- Manufacturers of coatings or treatments should be consulted for special application requirements of their products.
- Can apply to 20°F (-7°C) – Request Cold Weather Application Guide
- For use by experienced contractors
- Shelf Life: If properly stored in its original sealed container, one year from date of manufacture. Rotate your stock.
- 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.

COVERAGE

Wood 500-750 sq.ft./gal (12.5-18 m²/L)

Metal 750-1000 sq.ft./gal (18-25 m²/L)

Coverage will vary depending on porosity, texture and form material

PHYSICAL PROPERTIES

Certi-Vex	FR VOC AIM	FR-L VOC AIM
• Carrier	<<Hydrocarbon oil blend >>	
• Wt/gal.	7.2	7.25
• Acid No.	5-6	3
• VOC	<250 gr. /liter	<250 gr. /liter

PACKAGING

Certi-Vex FR VOC AIM & FR-L VOC AIM are available in 55-gallon drums and 5-gallon pails. Contact Vexcon directly to discuss your customized packaging requirements.

VITAL STATISTICS

- Flash Point 240° F MIN.TCC
- Boiling Point 340-600° F
- Autoignition Temp 494° F
- Extinguishing Media Foam, Dry chemical, CO₂, Water Fog or spray

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.

Vexcon MSDS FR103AIM 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, FR103AIM, from your distributor or by contacting Vexcon Chemicals.

CONTACT US @

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

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