

CERTI-VEX® FORM RELEASE VOC LINE

FORM TREATMENTS • CHEMICALLY ACTIVE • OIL BASE

DESCRIPTION

CERTI-VEX FORM RELEASE VOC 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 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 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. The product includes a special rust inhibitor to minimize rust formation on steel forms.

Certi-Vex Form Release VOC is available in two ready to use grades providing flexibility in cost and performance. Certi-Vex FR VOC: Our premium chemically active release formulated with virgin oil stocks and proprietary release agents.

Certi-Vex FR-L VOC: 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
- Ensures easy stripping of forms
- Will not stain or discolor concrete
- Quick drying
- Reduces surface air voids (bug holes)
- 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 and FR VOC: <400 g/liter or< 3.34 /gal.
- Meets
 - US EPA VOC regulations - Form Release Compound
- Meets
 - 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 products or any other form release agent must be kept off reinforcing steel and any other embedments, 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 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 Vexcon 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	FR-L VOC
• Carrier	<<Hydrocarbon oil blend >>	
• Wt/gal	7.2	7.25
• Acid No.	5-6	3
• VOC	<400 g/liter	<400 g/liter

PACKAGING

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

VITAL STATISTICS

• Flash Point	126° F (52° C) Min. PMCC
• Boiling Point	340-360° F (171-182° C)
• Autoignition Temp	494° F (256° C)
• Extinguishing Media	Foam, Dry chemical, CO ₂ , 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 FR103 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, FR103, 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.

- vexcon.com
- techservice@vexcon.com
- customerservice@vexcon.com
- sales@vexcon.com
- Voice: 888.839.2661
- Fax: 215.332.9997

WARRANTY

Vexcon warrants that the goods supplied hereunder shall be of its standard quality and shall conform in all material respects to the sample which has been made available for testing by buyer prior to sale. As the EXCLUSIVE REMEDY for any breach of this Limited Warranty, Vexcon 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 MERCHANT ABILITY 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 OR NEGLIGENCE, GROSS NEGLIGENCE, STRICT LIABILITY OR ANY OTHER TORT. 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.

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.