

# Technical Data Sheet



## FORM-OFF 2 VOC™

**Vegetable Oil Form Release Agent  
Chemically Reactive, Non Residual**

### 1. PRODUCT NAME

**FORM-OFF 2 VOC™** is a VOC complaint, non-residual, safe, pale, fast drying, and ready to use vegetable oil **Reactive Form Release**. Use with plywood, MDO, HDO, plastic and steel forms.

### 2. DISTRIBUTOR

#### CONSPRO CORPORATION

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### 3. PRODUCT DESCRIPTION

**FORM-OFF 2 VOC™** is a vegetable oil based concrete form release agent, VOC compliant, that produces clean and easy concrete form stripping, minimizes bug holes and reduces concrete built-up in any type of form, concrete equipment and accessories. FORM-OFF 2 VOC™ is non-toxic, non-carcinogenic, non-staining, non-residual, is biodegradable and has a very light odor. FORM-OFF 2 VOC™ does not interfere with the adhesion of paint, adhesives, sealers or curing materials on hardened concrete surfaces. FORM-OFF 2 VOC™ promotes longer wood form life acting as water repellent deep inside the treated plywood surface. Product does not cause efflorescence in concrete and allows the bonding of plaster and cement coatings with no additional surfaces preparation. **Limitations:** If stored for more than 12 months stir vigorously before use to assure uniformity and good release performance. Product resists rain wash-off if dry before rain event. Protect forms from rainfall if material has not fully dried or reapply before use.

### 4. APPLICABLE STANDARDS:

Exceeds Corps Of Engineers Specifications:  
CW-03101. Sections 5.3 and 8.0, CEGS-03300  
Section 10.8, CE 204 and CE 1401.01.  
Complies with VOC regulations.

### 5. PACKING AND AVAILABILITY

Product is available in 5-gallon plastic pails and 55 steel drums. Contact CONSPRO CORP. for additional information on resellers and salesmen in your area.

### 6. TECH DATA FORM-OFF 2 VOC™

Bulk Density	7.3 lbs/gallon.
Viscosity	50 SUS.
Opacity	Clear
Flash Point D94	355 °F
Odor	Very Light
Color	Straw (3) D-1500
Pour Point	-40 °F
Drying Time	10 -15 Minutes
Chemical Release	Yes. Fatty Acids.
Storage Life	12 Months
VOC	180 g/liter
Product Yield	800-1900 sq.ft/gal.

**INSTRUCTIONS:** Form surface should be clean dry and free from concrete residuals, built-up, dust or other contaminants. It is recommended to saturate all new wood surfaces or porous form liners with **FORM-OFF 2 VOC™** by applying two coats with a roller over the new or used wood surface; before placing forms in service. The practice of pre-saturating porous forms assures a pre sealed surface that will deliver uniform release agent film thickness for excellent stripping and maximum form reuse. **FORM-OFF 2 VOC™** is compatible and can be applied to forms used with residual form treatments based on petroleum oils.

### 7. APPLICATION INSTRUCTIONS

Apply **FORM-OFF 2 VOC™** as a thin film so that no runs are visible on vertical surfaces. Excess release agent including puddles should be removed. The thinner the release agent is applied the better looking the concrete will be achieved. Forms can be coated 2 weeks before use or used as soon as the thin film of FORM-OFF 2 VOC™ release dries clear producing a waxy appearance on the treated area. Apply with sprayer, roller, brush, mop or moist cloths. Use a clean soft flannel cloth moistened in the release for wiping of excess release or for touchup purposes. Estimated product yield is 1,600 to 2,000 square feet per gallon maximum depending on form material and porosity.

To spray **FORM-OFF 2 VOC™** use a plastic low pressure sprayer with an 8001-LP tip. Control application to cover from 40-10 square feet of the form surface every 10 seconds. Higher release coverage rates will produce high quality architectural concrete surfaces and **reduce** form release material costs. Remember with **FORM-OFF 2 VOC™**, thinner release films on the form will produce better appearance of the concrete, forms will be easier to strip, forms will be cleaner and the higher release yields will Save Money on all your concrete pours.

**OVER SPRAY:** Remove any over spray or accidental release applications over reinforcing steel using pressure washers and degreasers within 24 hours of incident.

**FORM-OFF 2 VOC™** treated surfaces should be protected from rain, dust and debris. Release can be used with Non-Porous form surfaces like HDO plywood, elastomers, plastic liners, metals and sealed forms (epoxy, urethane, silicon, etc.) These surfaces will produce the best looking architectural concrete finishes with a minimum bug holes, stains and concrete surfaces defects. For less demanding concrete appearances untreated or pre-oiled plywood, LDO or MDO plywood can also be used with **FORM-OFF 2 VOC™** release agent.

## 8. STORAGE

**FORM-OFF 2 VOC™** does not stratify while in normal storage conditions. Store at ambient temperatures between 40° F and 90°F outside or inside, in a vertical or horizontal position. Water will not contaminate drum contents. Keep containers tightly capped and sealed. Product has a shelf life of 1 year from date of manufacture if properly stored in original factory sealed containers.

## 9. SAFETY AND FIRST AID

**FORM-OFF 2 VOC™** meets or is exempt of all air quality, VOC, OSHA and hazardous substance regulations. Product is virtually non-irritating, contains no petroleum fumes or odors. Rinsed containers are non-regulated for landfill final disposal.

**FORM-OFF 2 VOC™** is a **Combustible liquid** and is subjected to OSHA rules.

**CAUTION:** Keep product and opened buckets away from children. Children can fall in 5-gallon buckets and drown. Use with adequate ventilation. Wear work pants, long sleeve shirt and rubber gloves to prevent skin contact. Avoid

contact with eyes. Wash with soap and water after handling material. Read MSDS before use.

## 10. DISCLAIMER

Conspro, Corp. products are designed to be used by competent persons in accordance with current published instructions and technical data. These materials are for use in the construction industry trade or for professional or industrial use. We can not be responsible for problems caused by inferior workmanship, conditions unknown or beyond our control, or by the use of faulty secondary items integrated to our product's final system use.

To be valid, all defective product claims must be received in writing; 6 months from the day of shipment. No claims will be considered without such written notice of after the specified time interval. Conspro, Corp. will promptly investigate all reported claims our investigator will prepare a written/oral report describing the nature of the problem and his explanations for the reported difficulties. An authorized officer of the Corporation will handle all complaints and resolve any pending problems after this investigation.

The user shall determine the suitability of the product for his intended use before application and/or use. The user assumes all liabilities and risks whatsoever in connection the use and application of the product.

All claims are voided if product is used contrary to Conspro Corporation written instructions and technical data sheets.

## 11. PRODUCT WARRANTY

Conspro Corp. warrants that the products distributed are of excellent quality, are formulated to exacting standards and comply with the specifications on the products label and data sheets. If any material is found defective or not usable, Conspro, Corp. will promptly replace the defective material or refund the purchase price.

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It is understood and agreed that buyer's sole remedy and therefore seller's liability whether in contract, tort, under any warranty in negligence, or otherwise, is limited to the return of the purchase price.

All warranties are voided if product is used contrary to Conspro Corporation written instructions and technical data sheets.

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