



## DATA SHEET NO. 3980-000

### FORM OIL VOC-Compliant Form Release

#### DESCRIPTION

FORM OIL form release, when properly applied, is an inexpensive way to substantially reduce the potential creation of bug holes and maximize concrete coverage. FORM OIL is composed of a high molecular weight, chemically inert ingredient to prevent the bonding of concrete to the form.

#### USES

FORM OIL can be used on forms such as wood, steel, aluminum, fiberglass reinforced, all grades of plywood (including pre-oiled, overlaid, LDO, NDO, HDO), epoxy-coated, urethane-coated, and fiber tubes. DO NOT USE ON expanded polystyrene (foam), rubber, latex, or latex forms made from SBR or natural rubber. FORM OIL increases the life of wood forms by penetrating into the wood to waterproof and prevent deterioration. It also reduces maintenance requirements on metal forms by forming a rustproof film that makes the metal form essentially self-cleaning and rust-free.

FORM OIL can be applied to fiber tube forms, even though they may be pre-coated. Tubes will strip much easier, even 60 to 90 days later. If tubes are stripped in 5 to 10 days, hand rubbing is greatly facilitated when tubes are coated with FORM OIL.

FORM OIL also cuts machine cleanup time because it minimizes concrete buildup. Pavers, trucks, mixers, spreader-finishers, buggies, chutes, and other types of equipment should be sprayed daily with FORM OIL for easy cleanup and rust prevention.

When properly applied, FORM OIL will not stain or discolour concrete, and will substantially reduce the formation of bug holes. FORM OIL is also available in a winter-grade formulation.

#### PACKAGING

18.9 Litre Pail  
205 Litre Drum

#### COVERAGE

14.73 – 36.81 m<sup>2</sup>/L. Coverage will vary due to texture, porosity, and condition of the forms.

#### SHELF LIFE

When stored indoors and in original, unopened containers at temperatures between 4 - 32° C, shelf life is two years from date of manufacture.

#### SPECIFICATIONS

- Complies with VOC Concentration Limits for Architectural Coatings Regulations

#### TECHNICAL DATA

VOC Content: <250 g/L

#### APPLICATION

**Surface Preparation** ... Form surfaces are to be thoroughly cleaned prior to application. All rust and scale must be removed in accordance with good concrete practices. It is imperative when using new wooden forms of all types (plain wooden, plywood, rough cut, etc.) that FORM OIL be applied and reapplied until complete saturation has been accomplished prior to first use.

**Application Method** ... Spraying is the ideal method of application. Use of an industrial sprayer, such as a Chapin 1949 with a 0.379 LPM spray nozzle, is recommended. FORM OIL may also be applied by roller coating, mopping, or brushing. A thin film should be applied for maximum economy and efficiency. Runs or puddles need to be brushed out. For metal forms, best results are obtained with a spray-on "fog" application of FORM OIL.

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**W. R. MEADOWS® OF CANADA**  
70 Hannant Court, Milton, ON L9T 5C1  
21 Streambank Ave., Sherwood Park, AB T8H 1N1  
(800) 342-5976  
Montreal Sales: (514) 865-2406

Hampshire, IL / Cartersville, GA / York, PA / Fort Worth, TX  
Benicia, CA / Pomona, CA / Goodyear, AZ / Milton, ON  
Sherwood Park, AB

[www.wrmeadows.com](http://www.wrmeadows.com)  
[info@wrmeadows.com](mailto:info@wrmeadows.com)

## PRECAUTIONS

DO NOT OVER-APPLY FORM OIL TO FORMS OR EQUIPMENT. DO NOT MIX OR DILUTE WITH ANY OTHER COMPOUNDS. DO NOT USE ON expanded polystyrene (foam), rubber, latex (or latex forms made from SBR or natural rubber), or plaster-coated forms. For pre-stressed, precast concrete, and pipe production, please use DUOGARD® from W. R. MEADOWS. Read and follow application information, precautions, and Material Safety Data Sheet prior to use.

## HEALTH AND SAFETY

Eye, skin and respiratory irritant. Refer to Safety Data Sheet for complete health and safety information.

## LEED INFORMATION

May help contribute to LEED credits

- MRc9: Construction and Demolition Waste Management
- EQc2: Low-Emitting Materials [For Healthcare and Schools (exterior-applied products) ONLY]

## MASTERFORMAT NUMBER AND TITLE

03 11 00 - Concrete Forming

For further LEED information and SDS, visit [www.wrmeadows.com](http://www.wrmeadows.com).

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