



## DATA SHEET NO. 3150-741

### ECO-COAT™ Concrete Form Release Agent

#### DESCRIPTION

ECO-COAT concrete form release agent is a natural oil-based product, which provides quick easy and clean release of concrete forms. ECO-COAT acts as a bond breaker and form cleaner, is non-staining, will not wash off once it has dried, cuts clean-up time, and eliminates voids, defects, and buildup of concrete.

#### USES

ECO-COAT is used to prevent concrete from bonding to forms. ECO-COAT may be used on sealed or unsealed plywood forms, timber, metal, spiral-wound tube, fiberglass, and plastic. ECO-COAT may also be used to prevent concrete from bonding to paving machines, precast equipment, mixers, vibrators, and other concrete equipment. ECO-COAT is particularly suited to applications where the noxious and flammable vapours of conventional solvent-based release agents are a concern and where a safe, environmentally friendly form release is required.

#### FEATURES/BENEFITS

- Designed as an all-purpose form release agent.
- Will work well under a variety of situations.
- Comes ready to use.

#### PACKAGING

18.9 Litre Pail  
205 Litre Drum

#### COVERAGE

The coverage rate of ECO-COAT will vary depending on the method of application and the substrate. The following table is a guide only.

<b>Plywood</b>	12 - 18 m <sup>2</sup> /L (600 - 900 ft. <sup>2</sup> )
<b>Timber</b>	8 - 16 m <sup>2</sup> /L (400 - 800 ft. <sup>2</sup> /gal.)
<b>Steel</b>	18 - 30 m <sup>2</sup> /L (900 - 1500 ft. <sup>2</sup> /gal.)

#### SHELF LIFE

When stored indoors in original, unopened containers at temperatures between 4° - 32° C, optimum performance and best use is obtained within two years of date of manufacture.

#### TECHNICAL DATA

Color: Dark Yellow-Amber  
Application Temperature: Greater than -10° C

#### APPLICATION

**Surface Preparation** ... Ensure that forms are clean, dry, and smooth. If plywood edges are worn, apply a coat or two of ECO-COAT to the edges.

**Application Method** ... ECO-COAT is suitable for application by sprayer (such as a Chapin 1949), roller, brush, or rag. A low-pressure spray nozzle with a 0.379 LPM (0.1 GPM) spray rate is most commonly used.

Apply ECO-COAT using care not to over-apply. Surface retardation may result from over-application. Two light coats are preferable to one heavy coat. Apply second coat at right angles to the first. Allow a few minutes to dry before placing concrete. All forms should be recoated before each subsequent use.

#### MASTERFORMAT NUMBER AND TITLE

03 11 00 – Concrete Forming

#### 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]

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