

# GRIFCOTE® CON 1.1

## Technical Data:

COLOR	Amber liquid with slight characteristic odor
FLASH POINT	>300° F ASTM Method D-56 (closed cup)
VISCOSITY	22.0 CPS @ 21°C (Brookfield)
SPECIFIC GRAVITY	0.88 g/ml
DENSITY	7.33 lbs./gal
WATER SOLUBILITY	NIL
APPLICATION RATE	300 ft <sup>2</sup> to 3000 ft <sup>2</sup> per gallon depending on method of application & type of form being used.
VOC COMPLIANT	Yes-Less than 250 g/L based on EPA Method 24

## PACKAGING:

Totes  
Drums  
Pails



**GRIFCOTE® CON 1.1** is a concrete form release specifically designed for the construction/poured in place industry. It is a proprietary blend of organic materials that promotes clean and easy separation from all types of forms while deterring build-up and sticking. The reactive portion of **GRIFCOTE® CON 1.1** creates a metallic soap that reduces bonding/adhesion while promoting quick and clean stripping.

**GRIFCOTE® CON 1.1** is designed for poured in place concrete and can be used with forms made of wood (both treated and untreated), steel, aluminum, fiberglass. The material is designed for use with conventional wet and dry cast, and also with self-compacting concrete.

Bug holes are minimized due to the metallic soap formed after the casting process that minimizes adherence of air to vertical sidewalls, allowing free air to rise more easily to the surface. The release characteristics are enhanced with the formation of the metallic soap, which also minimizes cleaning of forms after stripping.

**GRIFCOTE® CON 1.1** is classified as “**Inherently Biodegradable**” having a half-life of less than 60 days (based on ASTM D5864/OECD 301B).

## APPLICATION: \*\*

Form surfaces should be dry and free from concrete build up before **GRIFCOTE® CON 1.1** is applied. No mixing or dilution is necessary prior to use. Application may be done using conventional or airless spraying equipment, rollers, mops, wipe-on or any other conventional method of applying form release agents. Over application should be avoided to prevent runs or puddles, which will create voids in the finished concrete surface.

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\*\*Application rate will vary depending on forms and application method

**GRIFCOTE® CON 1.1** should be applied as thin as possible to help avoid the possibility of surface voids. On new wood forms (untreated) application should be 300-400 feet per gallon. On seasoned wood forms, application should be at the rate of 500-700 square feet per gallon. Conventional plywood forms, at a rate of 800-1000 square feet per gallon. On high density coated plywood forms, metal forms (steel and aluminum), rate of application will be up to 3000 square feet per gallon, with 2000 square feet per gallon being typical.

#### **VOLATILE ORGANIC COMPOUND DATA\*\*\***

Effective September 13, 1990, the United States EPA has issued VOC limitations on concrete form release agents. Reference to these regulations can be found in the Federal Register Vol. 63, no. 176, Friday, September 11, 1998 under 40 CFR-59 [AD-FRL-6149-7] RIN 2606-AE55, National Volatile Organic Compound Emission Standards for Architectural Coatings, pages 44848-44887. **GRIFCOTE® CON-1.1** is in compliance with these regulations and contains considerably less than 2.1 lbs. per gallon/250 grams per liter of VOC compounds based on EPA Method 24. **GRIFCOTE® CON-1.1** is in compliance with all VOC regulations in the United States, Canada, Puerto Rico and Mexico.

#### **STORAGE:**

All material containers should be kept tightly closed to avoid outside contamination. Drums and pails should be kept in a vertical position. Material should be stored in a protected area. Do not store material in unlined metal containers (ductile, malleable, or gray iron, steel, aluminum, brass, or bronzes). Material should be stored in plastic containers, lined drums or stainless-steel containers.

A Material Safety Data Sheet should be reviewed prior to application for safety equipment that may be needed.