



# TK-GOLD VOC Form Release Agent

Item No. TK-GOLD VOC

## PRODUCT DESCRIPTION

TK-GOLD VOC FORM RELEASE is an economical, low odor, chemically-reactive form release agent which prevents concrete from sticking to forms and form liners during the curing process. By the interaction of its fatty acids with the alkalinity of cement, TK-GOLD VOC provides easy release between concrete and form.

### Features:

- Increases the life of the form by providing a water and rust-proof film.
- Reduces clean-up time by preventing concrete build-up on forms, tools and equipment.
- Will not stain or discolor concrete.
- Results in properly formed concrete that is ready for curing, sealing, paint or other coatings.
- Versatile and practical - TK-GOLD VOC is suitable for cold weather applications down to 0°F.

## USES:

TK-GOLD VOC FORM RELEASE is for use on wood, steel, aluminum, fiberglass and plastic forms.

It may also be used to prevent concrete build-up on paving equipment, spreaders, mixers, scoot-cretes, hoist buckets, trucks, finishers or any tools or equipment used to place concrete.

## APPLICATION PROCEDURES

### PREPARATION:

TK-GOLD VOC FORM RELEASE is ready for use directly from the container and requires no dilution or mixing. Forms and surfaces must be clean, dry and free of waxes, dirt, hardened concrete or other form oils. Any pre-existing form release agents should be removed as they may affect the ability of TK-GOLD VOC to evenly coat the form.

### APPLICATION:

TK-GOLD VOC FORM RELEASE may be applied by low pressure sprayer, brush or roller and should result in a thin, even film. If spraying, use a cross spray pattern to uniformly distribute the material in a thin, continuous film and to avoid pin holes or uncoated areas. Brush out any puddles, heavy drips or runs and avoid over-application.

*New Wood Form application* - Apply a heavy coat to the form for waterproofing protection, then reapply until fully saturated. Follow up with a light coat before each use.

*Steel/Aluminum/Fiberglass Form application* - Apply before use as needed.

*Used Form application* - Clean off any old scale, rust, mortar or previously used waxes or form oils to ensure fault-free surfaces. This is of particular importance for exposed concrete or architectural concrete projects.

*Equipment/Tool application* - Spray daily for quick, easy cleanup, prevention of rust corrosion and to soften concrete build-up.

## COVERAGE:

Coverage rate will be conditional upon the type of form used and the method of application. Coverage rates on wood forms will always increase after the initial saturation coat.

Form Type	Coverage
Steel/Aluminum/Fiberglass and High Density Plywood	2000-3000 sq.ft./gal
Medium Density Plywood	1000-1500 sq.ft./gal
Coated Plywood and Paper	1000 sq.ft./gal
Rough Lumber/Straight Plywood	
First Use (two coats)	700 sq.ft./gal
Subsequent Use	1000 sq.ft./gal

Coverage rates are provided as a guideline only. Many factors including surface texture, porosity and weather conditions will determine actual coverage rates.

## TECHNICAL DATA

Composition and Materials:	A blend of fatty acids in an EPA approved oil.
Color:	Amber
Freezability:	Will not freeze
V.O.C. Content:	< 450 g/L
A.I.M. Category:	Form Release Compound Maximum VOC 450 g/l
Applicable Standards:	- US Army Corp of Engineers CECS-03300 - Section 10.8 Form Coating - Navy Dock & Piers 56359

**LIMITATIONS:**

- The application instructions of the manufacturer must be followed when the material is to be applied over newly formed concrete.

**FIRST AID:**

- Consult this product's safety data sheet for additional health and safety information. Safety Data Sheets are available through TK distributors, the TK office and the TK website.

**AVAILABILITY:**

TK-GOLD VOC FORM RELEASE is available through TK Distributors. Contact TK Products for the nearest distributor. Packaged in 275-gallon totes, 55-gallon drums and 5-gallon pails.

FOR PROFESSIONAL USE ONLY

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