

BURKE RELEASE

#1 V.O.C.



Description

A chemically reactive form release agent especially formulated to meet the demanding requirements of architectural forming in any climatic environment. Complies with local, state and federal V.O.C. and air quality control regulations.

Use

Provides maximum performance on the widest range of forming materials including fiberglass, steel, aluminum, plastic, coated paper and all types of wood forms.

Benefits

- It has a controlled reaction with the free lime in concrete to provide a clean release without the use of pry-bars or tools
- Produces smooth natural architectural surfaces - concrete surface voids are eliminated or reduced - oil stains are eliminated
- It has a controlled reaction with the concrete and will not retard, etch, or soften concrete surfaces, even if overapplied
- It is a heavy viscosity material that forms a tough, clinging film even on dense materials such as plastic or fiberglass forms
- Run-down is reduced and reinforcing steel stays cleaner
- May be used on concrete structures that will store potable water
- Has a positive release that keeps forms clean - little, if any, cleaning is necessary between pours
- Repeated use makes wood forms water-repellent and extends their useful life
- Formulated with a rust inhibitor - a light coat immediately upon stripping steel forms will prevent rust for weeks
- Will not stain even white concrete
- Has no deleterious effect upon the

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Applicable Standards

Corps of Engineers specification CE 204, section 3-03-K.

Architectural Specifications

Form Release Agent: All cleaned concrete form faces should be coated with a chemically reactive release agent that is non-staining and that will not inhibit the natural bonding characteristics of secondary toppings or coatings, caulks or sealants.

Approved product: Burke Release #1 V.O.C. or approved equivalent.

Application

Burke Release #1 V.O.C. should be applied in a thin uniform film with a sprayer, brush, or roller. No special application equipment is necessary, but a spray application is the most practical. Ponding or puddling is to be avoided. Specific application rates are as follows:

2500 ft² per U.S. gal. (61.4 m²/L) on:

- Fiberglass
- Plastic
- Steel
- Aluminum
- High density, overlaid plywood
- Elastomeric form liners

2000 ft² per U.S. gal. (49 m²/L) on:

- Medium density
- Overlaid plywood
- Urethane coated plywood
- Coated paper forms

1500 ft² per U.S. gal. (36.8 m²/L) on:

- BB grade plyform

1200 ft² per U.S. gal. (29.4 m²/L) on:

- Dimensional lumber
- Rough sawn lumber
- Striated plywood
- Composition

Composition

Burke Release #1 V.O.C. is a solution of highly refined fatty acids in a carrying system of low vapor pressure hydrocarbons. Burke Release #1 V.O.C. is free of waxes, common lubricating oils and kerosene.

Packaging

55 gallon drums (208.2 L)
5 gallon pails (18.9 L)
1 gallon cans (4 to a case)(3.8 L)

Limitations/Precautions

Do not use on styrofoam or latex molds. Do not use on plaster molds unless coated with a suitable sealer. Colder temperatures will increase the viscosity of Burke Release #1 V.O.C. Combustible...Contains petroleum

| Test Data | | |
|------------|-----------|--------------------------|
| Viscosity | ASTM D-88 | 45 SUS at 100°F (37.8°C) |
| Pour Point | ASTM D-97 | -5°F(-21°C) |

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distillates. Keep out of reach of children. Do not take internally. Do not breathe vapors. Avoid prolonged contact with skin. If swallowed, do not induce vomiting - call physician. If splashed in eyes, wash repeatedly with clean water and call physician. Keep away from heat, sparks and open flame.

Recommended Safety Equipment:

Rubber gloves, goggles and if applied in areas of poor or inadequate ventilation, use mine safety appliances, mask and canister:

Organic Vapor Mask
(No. 457081)

Organic Vapor Canister
(No. 77705GAM)

Threshold Limit Value: 100 PPM.

Ventilation system should be capable of exchanging total air volume in application area in 30 minutes or less. Avoid hazards by following all precautions found in the Material Safety Data Sheet (MSDS), product labels and technical literature. Please read this information prior to using the product.

Guarantee

If for any reason you are dissatisfied with the performance of Burke Release #1 V.O.C., return the unused portion of the drum to your distributor and the cost of the full drum will be credited to your account.

V.O.C. Content

Less than 450 g/l. Complies with Federal V.O.C. standards for Form Release Agents. Do not thin or dilute.

Warranty

Edoco warrants, for 12 months from the date of manufacture or for the duration of the published product

shelf life, whichever is less, that at the time of shipment by Edoco, the product is free of manufacturing defects and conforms to Edoco's published specifications in force on the date of acceptance by Edoco of the order. Edoco shall only be liable under this warranty if the material has been applied, used, and stored in accordance with Edoco's instructions in this technical data sheet. The purchaser must examine the product when received and promptly notify Edoco in writing of any non-conformity before the product is used, or no later than 30 days after such nonconformity is first discovered. If Edoco, in its sole discretion, determines that the product breached the above warranty, it will, in its sole discretion, replace the nonconforming product, refund the purchase price or issue a credit in the amount of the purchase price. This is the sole and exclusive remedy for breach of this warranty. Only an Edoco officer is authorized to modify this warranty. The sales information on the Edoco website and received by the customer during the sales process does not supersede this warranty and the specifications of the product in force on the date of sale. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM, TRADE OR OTHERWISE.

Limitation of Liability

Edoco shall not be liable in contract or in tort (including, without limitation, negligence, strict liability or otherwise) for loss of sales, revenues or profits;

cost of capital or funds; business interruption or cost of downtime, loss of use, damage to or loss of use of other property (real or personal); failure to realize expected savings; frustration of economic or business expectations; claims by third parties (other than for bodily injury), or economic losses of any kind; or for any special, incidental, indirect, consequential, punitive or exemplary damages arising in any way out of the performance of, or failure to perform, this Agreement, even if Edoco could foresee or has been advised of the possibility of such damages. The Parties expressly agree that these limitations on damages are allocations of risk constituting, in part, the consideration for this agreement, and also that such limitations shall survive the determination of any court of competent jurisdiction that any remedy provided in these terms or available at law fails of its essential purpose.

Storage

Burke Release #1 V.O.C. should be stored in tightly sealed original factory containers. Store in a horizontal position to prevent moisture accumulation on the drum head.