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AUGUST 2020
(Supersedes March 2020)

DUOGARD® N.E.

Form Release Agent

DESCRIPTION

DUOGARD N.E. is a multi-reactive form release agent. It is composed of an organic chemical that reacts with the alkali content of the concrete to form a release film that effectively prevents the bonding of concrete to the form. In addition, DUOGARD N.E. also contains a high molecular weight and a non-reactive, chemically inert ingredient to assist in clean and quick form release and removal. These exclusive ingredients combine the effectiveness of a chemically reactive type and an inert barrier type to provide a doubly effective separation ... DUO ... and the ultimate in form release. DUOGARD N.E. meets the maximum VOC content of 250 g/L for form release compounds as required by VOC regulations in the northeastern U.S.

USES

DUOGARD N.E. can be used on various types of forms: wood, steel, fiberglass and aluminum, as well as fiber tubes. Wood forms should be saturated prior to first use. DUOGARD N.E. 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 protective coating that helps prevent rust.

DUOGARD N.E. should 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 DUOGARD N.E.

DUOGARD N.E. also cuts machine clean up time because it minimizes concrete build-up. Pavers, trucks, mixers, spreader-finishers, buggies, chutes and other types of equipment should be sprayed daily with DUOGARD N.E. for easy clean up and rust prevention. DUOGARD N.E. can be applied on forms for pre-stressed and pre-cast concrete to produce a better and cleaner cast. When properly applied, the product will not stain or discolor concrete.

FEATURES/BENEFITS

- Contains no diesel fuel.
- Provides a better and cleaner cast when applied on pre-stressed and pre-cast concrete forms.
- Cuts stripping time to an absolute minimum.
- Reduces form cleaning and repairing.
- Increases wood form life, helps prevent rust on metal forms.
- Effectively minimizes concrete build-up on pavers, R/M trucks, mixers, spreader-finishers, buggies, chutes and other equipment.
- Prevents bonding between poured concrete and form.
- Breaks concrete bond between surface and form cleanly and effectively ... leaves smooth surface.
- Will not stain or discolor concrete and can be painted over.
- Ready to use ... requires no additional mixing.

PACKAGING

5 Gal. (18.93 L) Pails
55 Gal. (208.20 L) Drums

COVERAGE

600 - 1500 ft.²/gal. (14.7 - 36.8 m²/L), depending on type and porosity of form surface.

SHELF LIFE

When stored indoors in original, unopened containers at temperatures between 40° - 90° F (4° - 32° C), optimum performance and best use is obtained within two years of date of manufacture.

SPECIFICATIONS

- Complies with OTC Phase I and OTC Phase II VOC regulations.

CONTINUED ON THE REVERSE SIDE...

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TECHNICAL DATA

Color: Amber
Staining: None
VOC Content: 82 g/L

APPLICATION

Surface Preparation ... Clean form surfaces thoroughly prior to application. Remove all rust, scale and/or previously used form release agents from the forms in accordance with good concrete practices.

Application Method ... Spraying is the ideal method of application. Use a Chapin 1949 spray tip that produces a flow of 0.1 GPM. DUOGARD N.E. 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. It is imperative when using new wooden forms of all types (plain wooden, plywood, rough cut, etc.) that DUOGARD N.E. be applied and re-applied until complete saturation has been accomplished prior to first use. For metal forms, the best results are obtained with a spray-on “fog” application of DUOGARD N.E.

Cleanup ... Clean application equipment with soap and water.

PRECAUTIONS

For exterior use only. DO NOT OVER-APPLY DUOGARD N.E. TO FORMS AND EQUIPMENT. DO NOT DILUTE. Read and follow all label directions prior to application. Product is an eye, skin and respiratory irritant. Refer to Safety Data Sheet for complete health and safety information.

LEED INFORMATION

May help contribute to LEED credits:

- EQc2: Low-Emitting Materials [For Healthcare and Schools (exterior-applied products) ONLY]

For SDS and further LEED information, visit www.wrmeadows.com.



LIMITED WARRANTY

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

Disclaimer

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