TECHNICAL DATA SHEET

V Form Release #1

Reactive Form Release Agent

DESCRIPTION

V Form Release #1 is a mineral oil-based, chemically active release agent specially engineered to positively prevent bonding of the concrete to forms and form liners. V Form Release #1 contains no waxes or silicones.

BENEFITS

- Improves release of formwork
- Reduces concrete buildup on formwork and liners
- Reduces cleaning of formwork
- Protects formwork against rust
- Leaves no residue, stain or discoloration

COMPLIANCE/STANDARDS

V Form Release #1 meets VOC emission requirements for form releases (EPA limit < 450 g/L).

- VOC content <250 g/L
- Corps of Engineers CEGS-03300, Section 10.8 Form Coating
- Navy Dock and Piers 56359

APPLICATION

Storage: Store material in the original, tightly closed container. Do not allow the accumulation of water, dirt or other contaminants.

Surface Preparation: Ready to use. Do not dilute. Form surfaces should be clean of dirt, rust, scale and concrete buildup prior to application. Spray application is recommended.

V Form Release #1 should be spray-applied using an atomizing or misting spray tip so that application may be in thin, uniform films to maximize product performance and economy. Over-application will not produce better results and may cause dusting.

Remove excess material or puddles with a squeegee and absorbent rags.

When properly applied, V Form Release #1 will not leave any residue or stain on the concrete, producing a smooth, architectural concrete surface ready for subsequent coatings. The coating manufacturer's recommendations for surface preparation must be followed.

Sprays easily in cold temperatures. Proper application substantially reduces concrete surface voids and extends the life of wood forms.

COVERAGE

Form surface	sq ft/gal	m^2/L
Steel, plastic, fiberglass	2,000	49.1
Conditioned aluminum	2,000	49.1
HDO plywood	2,000	49.1
MDO plywood	1,500	36.8
Dimensional lumber	1,000	24.5
BB-grade plywood	1,000	24.5

Actual application rates depend on the porosity of the form surface.

PACKAGING

275-gallon totes (1,041 L)

55-gallon drums (208.2 L)

5-gallon pails (18.9 L)

SHELF LIFE

Shelf life of V Form Release #1 in the original, tightly closed container is two years from the date of

manufacture. Do not allow the accumulation of water, dirt or other contaminants.

LIMITATIONS

V Form Release #1 should not be used as a bond breaker in tilt-up construction.

DO NOT EXPOSE TO OR APPLY NEAR FIRE OR FLAMES. FOR WELL-VENTILATED OR EXTERIOR USE ONLY.

PRECAUTIONS

DO NOT CUT OR WELD CONTAINER
KEEP AWAY FROM OPEN FLAME
INDUSTRIAL USE ONLY

Additional precautions, safety information and first aid are contained in the Safety Data Sheet (SDS).

WARRANTY

NOTICE – READ CAREFULLY
CONDITIONS OF SALE

SpecChem offers this product for sale subject to and limited by the warranty which may only be varied by written agreement of a duly authorized corporate officer of SpecChem. No other representative of or for SpecChem is authorized to grant any warranty or to waive limitation of liability set forth below.

WARRANTY LIMITATION

SpecChem warrants this product to be free of manufacturing defects. If the product when purchased was defective and was within use period indicated on container or carton, when used, SpecChem will replace the defective product with new product without charge to the purchaser. SpecChem makes no other warranty, either expressed or implied, concerning this product. There is no warranty of merchantability. NO CLAIM OF ANY KIND SHALL BE GREATER THAN THE PURCHASE PRICE OF THE PRODUCT IN RESPECT OF WHICH DAMAGES ARE CLAIMED.

INHERENT RISK

Purchaser assumes all risk associated with the use or application of the product.

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