PRODUCT DATA

CLEAN RELEASE

Economical standard performance less chemically and physically active concrete form release agent for use in precast applications.

VOLATILE ORGANIC COMPOUND (VOC) REGULATORY COMPLIANCE

	USEPA	OTC I	OTC II	AZ-MCAQMD	CARB - 2000	CARB - 2007	CARB-20/SCAQMD	CANADA
CLEAN RELEASE 3	■	■	■	■	■	■	□	■
CLEAN RELEASE 7	■	■	■	■	■	■	□	■

HOW IT WORKS

The ingredients in CLEAN RELEASE #3 and CLEAN RELEASE #7 combine barrier and chemically active compounds that react with the lime present in fresh concrete to yield a slippery soap-like film on the precast form surface that prevents concrete sticking and provides a positive release.

APPLICATIONS

- Less reactive product ideal for lower-strength concrete containing mix designs where steam curing or forced curing is not employed.
- Suitable for use with mix designs that contain lower concentrations of pozzolans.
- Designed for ambient cure conditions.

ADVANTAGES

- Very economical.
- Provides a crisp positive release.
- Miniizes precast form cleaning and maintenance costs. Forms become self-cleaning with continued use.
- Resists removal by foot traffic and rain.
- Useable on forms that have been previously treated with competitive form oils.
- Surpasses performance requirement of US Corps of Engineers, GSA and Bureau of Reclamation specifications for nonstaining form oil.
- Ready to use—requires no dilution.
- Low odor.
- Can be stored at temperatures below freezing.
- Good sprayability with traditional hand pump tank sprayers down to 32° F (0° C). At temperatures below 32° F (0° C) higher pressure sprayers may be required.
- Can be applied up to 3 weeks before use.
- Will not stain concrete surfaces and concrete will be paintable with proper surface preparation.
- Use to coat concrete mixing and placing equipment to prevent concrete splatter and accumulation of buildup.

⚠ PRECAUTIONS ⚠

- Not designed for use with mix designs that contain high concentrations of pozzolans (cement replacements).
- A slight darkening may be observed when this product is stored in polyethylene plastic totes and exposed to ultraviolet radiation from the sun or other artificial sources.

USE INSTRUCTIONS

- Request current product literature, labels, and safety data sheets from manufacturer and read thoroughly before product use.
- Site environmental conditions, substrate conditions, and construction have a major effect on product selection, application methods, procedures and rates, appearance, and performance. Product literature provides general information applicable to some conditions. However, an adequate site test application by the purchaser or installer in advance of field scale use is mandatory (irrespective of any other verbal or written representations) to verify that product and quantities purchased can be satisfactorily applied and will achieve desired appearance and performance under intended use conditions.
- Application rates necessary to optimize performance vary with the form surface condition, porosity, concrete buildup (if any), concrete composition, concrete curing time, and temperatures.
- Typical application rate range on an absorptive surface is 600 - 800 sf / gal. (15 - 20 sm / L). Typical application rate on non-absorptive surface is 1,500 sf / gal. (37 sm / L).
- Can be applied by all conventional methods, but spray application is highly recommended.
- Apply to clean, reasonably dry forms using care to prevent contact with reinforcing steel.
- Avoid puddles, runs, and excessive spray drift.
- Clean application equipment with mineral spirits immediately following use.

Form Release Agent

nox-crete®

chemical solutions to concrete problems

NSF COMPLIANT TO NSF/ANSI 61

TECHNICAL DATA

	CLEAN RELEASE #3	CLEAN RELEASE #7
Color, ASTM D1500	0.5-1.5	0.5-1.5
Clarity	Clear	Clear
Odor	Mild	Mild
Flash Point	>200° F (83.3° C)	>200° F (83.3° C)
Bulk Density	7.4 lbs. / gal. (.833 kg / L)	7.4 lbs. / gal. (.833 kg / L)
VOC	<250 g / L	<250 g / L
VOC Classification	Form Release Agents	Form Release Agents

PACKAGING

Product is packaged in 5 gal (19 L) pails, 20 liter pails, 55 gal (208 L) drums, 200 liter drums, 275 gal (1,040 L) totes and 1,000 liter totes.

SHELF LIFE

Shelf life is 2 years. Use before the “USE BY” date stated on product packaging.

HANDLING/STORAGE

Store in a dry location at a temperature below 100° F (38° C). To minimize darkening, store all polyethylene plastic totes inside and away from direct sunlight and all other sources of ultraviolet radiation.

AVAILABILITY & TECHNICAL SERVICES

In addition to corporate offices in Omaha, Nebraska, Nox-Crete, Inc. maintains regional offices and distribution centers in principal markets throughout the world. For source or technical information, call 800-669-2738 or 402-341-2080.

LIMITED WARRANTY

NOTICE-READ CAREFULLY

CONDITIONS OF SALE

NOX-CRETE offers this product for sale subject to, and Buyer and all users are deemed to have accepted, the following conditions of sale and limited warranty which may only be varied by written agreement of a duly authorized corporate officer of NOX-CRETE. No other representative of or for NOX-CRETE is authorized to grant any warranty or to waive limitation of liability set forth below.

WARRANTY LIMITATION

NOX-CRETE 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, NOX-CRETE will replace the defective product with new product without charge to the purchaser.

NOX-CRETE makes NO OTHER WARRANTY, either express or implied, concerning this product. There is NO WARRANTY OF MERCHANTABILITY. In no case shall NOX-CRETE be liable for special, indirect or consequential damages resulting from the use or handling of the product and no claim of any kind shall be greater in amount than the purchase price of the product in respect of which damages are claimed.

INHERENT RISKS

NOX-CRETE MAKES NO WARRANTY WITH RESPECT TO THE PERFORMANCE OF THE PRODUCT AFTER IT IS APPLIED BY THE PURCHASER, AND PURCHASER ASSUMES ALL RISKS ASSOCIATED WITH THE USE OR APPLICATION OF THE PRODUCT.

Updated 11/04/26. This version replaces all previous versions.

1444 S. 20th St. • P.O. Box 8102 • Omaha, Nebraska 68108 United States
PHONE: (800) NOX-CRETE (669-2738) or (402) 341-2080