

## PALLET-NOX

Chemically active and physical barrier type, 100% biodegradable, water based, concrete form release agent specifically designed for use with dry cast concrete.

### VOLATILE ORGANIC COMPOUND (VOC) REGULATORY COMPLIANCE



USEPA CARB-SCM SCAQMD LADCO, OTC UT-R307, CO MCAQD CT, MD, DE, D.C. CANADA

PALLET-NOX



### HOW IT WORKS

PALLET-NOX is a water dilutable, combination chemically active and physical barrier type form release agent. PALLET-NOX positively prevents form binding and the accumulation of concrete buildup on form surfaces by combining pre-reacted metallic soaps with unreacted organic fatty acids, which chemically react with the alkalies in concrete to form a slippery soap film. Allows entrapped air to easily migrate along form surface during vibration producing crisp, uniformly colored and void free concrete.

### APPLICATIONS

- ◆ Use on dry cast pipe head rings, spindles and pallet rings.
- ◆ Use on overlaid plywood, steel and aluminum paver pallets.
- ◆ Use on dry cast block conveying systems and pallets.
- ◆ Use on both wet and dry cast concrete handling equipment to prevent the adhesion of concrete buildup.
- ◆ Ideal for use in dip tank applications.

### ADVANTAGES

- ◆ Offers increased reactivity not found in other dry cast form release agents.
- ◆ Allows for easy removal of pallet and header ring, minimizing damage and related patching and repair.
- ◆ Greatly minimizes concrete surface voids (bugholes).
- ◆ Minimizes form cleaning and maintenance costs—forms become self-cleaning with continued use.
- ◆ Can be diluted up to 1:3 with water. Variable dilution rate can be easily adjusted to meet the needs of specific performance requirements.
- ◆ Non-staining.
- ◆ Does not impair the natural bonding characteristics of subsequently applied paint or other concrete surface coatings.
- ◆ 100% biodegradable formulation reduces environmental concerns.
- ◆ Green Engineered™ – better for health and the environment.
- ◆ Meets all federal and state VOC requirements.

### ▲ PRECAUTIONS ▲

- ◆ Water based, chemically active form release agents are not visible on applied surfaces once dry. This is normal and does not affect release agent performance. After form stripping, a white, powdery film will be present on form surfaces. This causes no adverse affects on the form or the concrete and should not be confused with buildup.
- ◆ Specifically designed for use in dry-cast concrete applications. When considering for use in a wet cast application, a test mock-up is recommended prior to use to ensure satisfactory performance.
- ◆ May re-emulsify if coated surfaces become wet with water. Protect coated surfaces from rain prior to placement of concrete.

### 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 concrete mix design 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 production 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.
- ◆ Form surfaces should be clean and reasonably dry prior to application. Surfaces slightly wet as a result of dew, etc. are acceptable for coating.
- ◆ Dilute prior to use. Typical dilution rates vary from 1:1 to 1:3 with water.
- ◆ Mix before using.
- ◆ Apply diluted PALLET-NOX with a low pressure sprayer, sponge, rag, brush or by dipping.
- ◆ Protect from freezing. If allowed to freeze, product packaging may rupture and the emulsion stability of this product may be affected, making it difficult to keep product mixed during application. Product which is suspected of freezing should not be used.

PALLET-NOX

Form Release Agent



chemical solutions to concrete problems

- ◆ Verify that product is within the “USE BY” date stated on product packaging. Do not use expired product. The use of expired product may result in poor product performance or failure.
- ◆ Do not apply if temperature is at or below 32° F (0° C). However, freezing temperatures do not affect product performance after applied product has dried.

## TECHNICAL DATA

<b>Color</b>	Pink
<b>Bulk Density</b>	8.3 lbs / gal (0.84 kg / L)
<b>Flash Point*, ASTM D-93</b>	>200° F (94° C) PMCC
<b>VOC</b>	<25 g / L

## PACKAGING

Packaged in 1 gal (3.8 L) jugs, 5 gal (19 L) pails and 55 gal (208 L) drums.

## SHELF LIFE

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

## HANDLING/STORAGE

Store in a dry location within a temperature range between 40° F (4° C) and 100° F (38° C).

## 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.