PRODUCT DATA

BLAST-OFF

Powerful, foaming, water-based, biodegradable, concrete buildup and splatter remover.

NOT REGULATED BY FEDERAL OR STATE EPA ARCHITECTURAL COATINGS RULE FOR VOLATILE ORGANIC COMPOUNDS

SCAN OR CLICK QR CODE FOR VOC DISTRICT COMPLIANCE

HOW IT WORKS

BLAST-OFF incorporates a powerful carboxylic acid containing organic molecule found in sugar cane and sugar beets. This dual-function molecule is extremely effective at dissolving concrete buildup and splatter without damaging or corroding exposed steel, chrome, aluminum or electrical components.

APPLICATIONS

- Use on any aluminum, steel, plastic, fiberglass, glass, rubber or painted metal surface.
- Use on ready-mix trucks, drum mixers, batching equipment, forms and accessories, paving machines, concrete pumps, power screeds, power trowels, screw jacks, power buggies, scaffolding, hand tools and more.
- Also use to remove mortar splatter, efflorescence and other calcium-based salt deposits from concrete masonry surfaces.

ADVANTAGES

- Extremely fast acting formulation quickly dissolves concrete splatter and light buildup.
- The small molecular size allows deep penetration into the heaviest buildup.
- Produces a rich, thick foam that clings well to vertical and overhead surfaces for increased effectiveness.
- Readily biodegradable (90% in 7 days).
- Non-corrosive for steel, chrome, aluminum or painted metal surfaces.
- Eliminates costly damage resulting from the use of sandblasters or chipping hammers.
- Contains a pH-sensitive red dye that turns clear (water white) indicating a neutral pH and signaling that the applied BLAST-OFF has completed its reactive cleaning process.
- Does not contain any mineral acid.
- Contains no odor.
- Can safely be left on tools and equipment overnight if necessary to loosen heavy buildup.
- Safe for use on rubber, plastic and glass.
- Contains a powerful detergent that cuts through grease, oil, dirt and exhaust soot.
- Ready-to-use - no mixing or diluting required.
- Green Engineered® - better for health and the environment.
- Meets all federal and state VOC requirements.

⚠ PRECAUTIONS ⚠

- For industrial use only.
- Best results are obtained when substrate temperatures are above 50° F (10° C). Users can expect a decrease in product performance when applied during colder weather conditions.
- For best results, treated surfaces should be kept wet for 20 minutes following application of Blast-Off. Application in direct sunlight could speed up dry times reducing the effectiveness of Blast-Off. Mist treated surfaces with water or reapply more Blast-Off as required to ensure treated surfaces stay wet until concrete buildup/splatter has been softened.
- Not recommended for use on raw wood, such as dimensional lumber or B-B plywood. BLAST-OFF can be used on overlaid (HDO, PSF and CBF) plywood forms and engineered forming systems.
- Not recommended for use on galvanized or zinc plated surfaces.
- Protect eyes, skin and clothing from spray mist by wearing goggles and a rain suit.
- Protect from freezing. Allowing product to freeze can cause the container to rupture as well as separation of the active components, resulting in poor product performance. Product which is suspected of freezing should not be used.
- Do not allow BLAST-OFF to dry on painted surfaces, such as truck cabs and ready-mix drums. If allowed to dry, a hazy film will develop that may require mechanical buffing or reapplication of BLAST-OFF to remove.
- Verify that the 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.
- Performs best if not diluted.

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 impact on product selection,

Form & Equipment Cleaner

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.

- Brush or spray apply to concrete buildup or concrete splatter at the application rate of approximately 100-150 sf/gal (2.5-3.7 sm/L).
- Best results are achieved when BLAST-OFF is applied using the PERFECT PUMP FOAMER which produces a thick, rich foam that clings to vertical and overhead surfaces to maximize performance.
- Maximum performance is obtained when BLAST-OFF is allowed to stay wet. Apply at low sun angles (morning or late afternoon/ evening) to slow drying. Alternatively, lightly mist treated areas with water to keep wet.
- A pH-sensitive red dye indicates that the applied BLAST-OFF is actively dissolving hardened concrete buildup. If the applied BLAST-OFF turns transparent (water white) before all existing buildup has been softened for easy removal, reapplication will be necessary.
- If possible, periodically scrub the treated area with a scrub brush to remove the outer layer of softened material, allowing BLAST-OFF to further penetrate the build-up.
- Reapply additional BLAST-OFF every 15-20 minutes until the concrete is soft and mushy. Light buildup or splatter generally requires 2-3 applications of BLAST-OFF over a 30-45 minute time period for full removal.
- Small hand tools can be soaked in a shallow pan containing BLAST-OFF for 30 minutes to 1 hour to quickly remove concrete buildup.
- Heavy concrete buildup may require several applications or extended dwell times in order to completely soften the buildup.
- Remove the softened concrete with a pressure washer or garden hose equipped with a spray nozzle.
- If BLAST-OFF is allowed to dry before rinsing with water, a white film will appear on the treated surface. To remove, reapply BLAST-OFF and rinse well with water.

TECHNICAL DATA

Color	Red pH Sensitive Dye
VOC	<50 g/L
VOC Classification	Not Regulated
Odor	None
Density	9.0 lbs/gal (1078 g/L)

PACKAGING

Product is packaged in 2.6 gal (10 L) containers, 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

The shelf life is one year. Use before the date of “USE BY” indicated on the product packaging.

HANDLING / STORAGE

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

AVAILABILITY AND 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.

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