

*Smart 'n Easy*TM Smart 'n EasyTM Efflorescence Remover

Technical Data Sheet

PRODUCT DESCRIPTION:

Smart 'n EasyTM Efflorescence Remover is a highly effective, heavy-duty, and professional grade efflorescence removal product engineered to penetrate deep beneath masonry surfaces to remove the toughest, most severe cases of salt, calcium, and magnesium deposits. It is a water-based product that removes grout haze and residue from concrete, brick, stucco, pavers, block, and many other masonry surfaces. This product will not cause any pitting, frosting, or altering of the surface textures.

WHAT IS EFFLORESCENCE?

Masonry building materials contain natural salts. These salts remain trapped in solid form until they are dissolved into water, which causes the salt to make its way out of the material through small pores. The water can originate from rain, sprinklers, household leaks, or any number of other places. In the winter, the heat in the building will move outward and drive this moisture in front of it. When the water/salt solution reaches the exterior wall surface, the cold, dry air will evaporate the water leaving the salt as a white crystalline growth on the surface. It can occur year-round, but it is most likely to form during the winter due to low temperatures.

MAIN FEATURES & BENEFITS:

- Removes and cleans salt, calcium, and magnesium deposits from masonry.
- User-friendly. Can be applied by pump sprayer, brush, or roller.
- Maximum speed and performance when cleaning a wide variety of unpolished masonry substrates.
- More effective than conventional muriatic or hydrofluoric formulations.
- Low odor and bleach free.
- Cleans without pitting, frosting, or altering the surface texture.
- Restores substrate to its natural appearance.

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TECHNICAL DATA:

Form:	Clear Amber Liquid
Weight/Gal:	10 lbs.
pH:	<1.0
Boiling Point:	100 °C / 212 °F
Shelf Life:	3 years in a tightly sealed container kept in a room temperature, clean, and dry environment.

RECOMMENDED SUBSTRATES:

For use on these substrates: brick, masonry, limestone, sandstone, flagstone, concrete pavers, travertine, and most other non-polished masonry surfaces. Not recommended for: copper, zinc, aluminum, drywall, plywood, wood surfaces, gypsum, veneer, and most plastics.

TESTING:

Always prepare a test area on each type of surface before full use of this product. Testing ensures product suitability and efficacy. This will also teach the user how to handle the product, gauge how to apply, and determine how long it must remain in place (dwell time) before removing. Applying incorrectly, or removing too quickly, may result in the need for more than one application, increasing your labor and material costs.

SURFACE & AIR TEMPERATURE:

To avoid product from freezing and reducing effectiveness do not use below 40° F/4.5° C. For the best results, use this product in temperatures above 40° F/4.5° C and below 90° F / 32° C. Product effectiveness is increased in warmer temperatures. On hot and humid days, or when working in direct sunlight, dampen the surfaces with water prior to applying **Smart 'n Easy[™] Efflorescence Remover** to keep the product from evaporating too quickly.

PREPARATION:

Cover and protect areas where cleaning is not desired, including adjoining surfaces where overspray may travel; keep protection in place during removal process. Polyethylene plastic and masking tape create an effective barrier. Nearby plants and other foliage should be covered with **Safe 'n Easy[®] Drop Cloths** during application and removal.

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APPLICATION:

For the best results, apply it with a low-pressure sprayer or garden sprayer. It is important to apply bottom to top to avoid streaking. Leave on for a minimum of 15 – 30 minutes or the time determined during testing, depending on the contaminants present agitate with a nylon bristle brush if necessary. **Smart 'n Easy[™] Efflorescence Remover** provides an average spread rate of about 200 - 250 sq. ft. per gallon; results may vary. Work in smaller, manageable areas that can be rinsed before the product can dry to the surface.

REMOVAL & CLEANUP:

Remove with a high-pressure washer at a minimum of 1500 PSI or with a scrub brush to agitate the surface then rinse with a hose. Thoroughly wash the surface, from top to bottom to avoid streaking, until the foaming action stops to remove all remaining product. Allow the surface to dry completely before recoating. Collect material removed and dispose of in compliance with federal, state, and local regulations.

AVAILABILITY & COST:

Smart 'n Easy[™] Efflorescence Remover is available in 1 gallon, and 5 gallon containers. **Dumond[®]** products are available through a nationwide network of paint and hardware stores, safety supply distributors, or online. For an in-person outlet nearest you, please visit www.dumondglobal.com. Once on the website, type your postal/zip code into the dealer locator to find addresses and phone numbers of your nearest dealers.

HEALTH & SAFETY REQUIREMENTS:

The full Safety Data Sheet (SDS) for **Smart 'n Easy[™] Efflorescence Remover** can be found online at www.dumondglobal.com. View the SDS **BEFORE** product use for required safety information.

DANGER: CAUSES SKIN BURNS & EYE DAMAGE.

CONTAINS: Urea Hydrochloride

Wear protective gloves and clothing, including eye and face protection. Wash face, hands, and any exposed skin thoroughly after handling. Do not breathe vapors or spray mist.

For additional emergency assistance, please call **1-800-535-5053** in the United States.

International assistance is available at **1-325-323-3500**. Both numbers are available **24/7/365**.

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WARRANTY:

Dumond Inc. warrants all its products to be free from defects and makes no other warranties with respect to its products, express or implied, including without limitation the implied warranties of MERCHANTABILITY OF FITNESS FOR PURPOSE. **Dumond Inc.'s** liability shall be limited in all events to supplying sufficient products to re-treat the specific areas to which defective product(s) have been applied. **Dumond Inc.** shall have no other liability, including liability for incidental, consequential, or resultant damages whether due to breach of warranty or negligence. This warranty may not be modified or extended by representatives of **Dumond Inc.** or its distributors and dealers.

TECHNICAL SERVICES:

Dumond Inc.'s expert staff is available to answer technical questions and provide product-specific information. For business hours, see our website for more information.

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