



# PRO EFFLONET™

## 2. MANUFACTURER

### PROMA Adhesives Inc.

9801, Parkway, Anjou, Quebec Canada H1J 1P3

Tel.: 514.852.8585

Fax: 514.852.8225

Toll-free: 1 866.51.PROMA (77662)

Email: info@proma.ca

Web: www.proma.ca

## 3. PRODUCT DESCRIPTION

PRO EFFLONET is a ceramic joint cleaner specially formulated to eliminate efflorescence (whitish powder encrusted on the surface of the grout) caused by Portland cement. Removes light or heavy cement grout residues. PRO EFFLONET has no harmful vapors or odors. It requires little rubbing and will not damage ceramic surface or original grout color.

### Features

- ◆ Use with ceramic, porcelain and natural stone tiles (except marbles and calcareous stones)
- ◆ Use with cementitious and epoxy grout
- ◆ Use with paving stones and concrete surfaces
- ◆ Use on counters, floors, walls, showers, shower doors and toilets
- ◆ Use to remove rust from metal ramps and surfaces
- ◆ Organic acid based cleaner
- ◆ Contains no phosphoric, hydrochloric or hydrofluoric acid
- ◆ Considered non corrosive for skin, as per WHMIS, but corrosive by Health Canada because of pH < 1
- ◆ Faint odor
- ◆ Removes calcium residues on car and entrance carpets
- ◆ Removes light rust and calcium rings in toilets, bathtubs, shower doors and knobs
- ◆ No VOC
- ◆ For interior and exterior institutional, commercial and residential applications
- ◆ Biodegradable. In conformity with OCDE 301 E rule
- ◆ Meets Calcium Carbonate (Hard Water Scale) Solubility Test

### Packaging

946 mL (32 fl oz) bottle; 4 L (1.05 US gal) bottle

### Limitations

- ◆ Works best at temperature between 10°C (50°F) and 35°C (95°F).
- ◆ Do not use on marble, cobblestone, travertine, limestone or other calcareous stones as the acidity of the cleaner will etch the polish of the stones.
- ◆ May discolor porous slates such as Indian and Chinese slates.
- ◆ May affect paint color if sprayed on wall.
- ◆ May discolor laminated material.
- ◆ Avoid contact with stainless steel.

**NOTE:** DO NOT MIX WITH OTHER PRODUCTS, SUCH AS JAVEL OR OTHER SIMILAR PRODUCTS.

## 4. TECHNICAL DATA

### Applicable Standards

For Additional Information, please refer to the most recent TCNA handbook for ceramic tile installation or the TTMAC Specification Guide 09 30 00 Tile Installation Manual, or visit our website at [www.proma.ca](http://www.proma.ca).



PHYSICAL PROPERTIES (@23° C [73° F] and 50% RH)	
VOC content	0 g/100 ml
pH	1.0
Density (@ 23°C/50% RH)	1.03 g/ml
Color	Clear
Odor	Faint odor
Water solubility	Soluble
Approximate coverage	Varies with the cleaning concentration required and the surface condition.
Shelf life	24 months if kept in its original unopened packaging and stored in a dry location. Protect from freezing.

## 5. INSTALLATION

### Application and Mixing

**Note:** Grout must be fully cured at least 28 days. Test on a small area to determine ease of application and desired results. Wear gloves and safety glasses when using this product, and protect neighboring areas against unexpected contact with product to avoid possible damage.

### Removing Efflorescence and Construction Site Contaminants from New Grout

1. Pour undiluted directly on grout joints.
2. Spread and scrub with a black nylon scuff pad or a hard bristle nylon brush.
3. Let work 1 - 2 minutes, and then scrub again. Do not allow the cleaner to dry on the surface.
4. Rinse thoroughly with water and pick up. Repeat if necessary.

### Removing Efflorescence from Old Grout

1. Pour undiluted directly on sanded grout joints; dilute (50/50), 1 part cleaner with 1 part warm water, for unsanded grout joints.
2. Spread and scrub with a black nylon scuff pad or a hard bristle nylon brush.
3. Let work 1 - 2 minutes, and then scrub again. Do not allow the cleaner to dry on the surface.
4. Rinse thoroughly with water and pick up. Repeat if necessary.

### Removing Cement Grout Residue from Tiles

1. Light residues: dilute (50/50), 1 part cleaner with 1 part warm water. Heavy residues: use without dilution.
2. Pour cleaning solution directly on the surface and spread over areas to be cleaned.
3. Let work 3 - 5 minutes, and then scrub with a black nylon scuff pad. Do not allow the cleaner to dry on the surface.
4. Rinse thoroughly with water and pick up. Repeat if necessary.



**Cleaning Existing Ceramic Tiles**

1. Dilute (50/50), 1 part cleaner with 1 part warm water.
2. Pour cleaning solution directly on the surface and spread over areas to be cleaned.
3. Let work 3 to 5 minutes, and then clean the surface with cloth. Do not allow the cleaner to dry on the surface.
4. Rinse thoroughly with water and pick up. Repeat if necessary.

**Cleaning Existing Non-Lustrous Stones, Granite or Concrete**

1. Pre-wet surface with water.
2. Dilute (50/50), 1 part cleaner with 1 part warm water.
3. Pour cleaning solution directly on the surface and spread over small areas at a time.
4. Let work 3 to 5 minutes, and then clean the surface with a rigid brush in all directions. Repeat for each area needing to be cleaned. Do not allow the cleaner to dry on the surface.
5. Rinse thoroughly with water and pick up. Repeat if necessary.

**Application Issues**

**Efflorescence or Whitish Residue Still Visible on Grout After Cleanup**

**Main causes**

- ♦ Too much water used in the grout mixture.
- ♦ Excessive water used to remove grout residue on tiles during cleanup.

**Corrective measures**

- ♦ If a whitish residue is still visible on the grout after cleaning with EFFLONET, then it is not efflorescence but lack of color pigment in the grout as a result of using too much water during cleanup of the grout residue. Recolor grout using PRO COLOR PREMIUM™ grout colorant to correct this issue (see respective data sheet for details).

**Health and Safety**

Considered non corrosive for skin, as per WHMIS, but corrosive by Health Canada because of pH < 1. ALWAYS KEEP AWAY FROM CHILDREN.

Refer to the Material Safety Data Sheet (MSDS) for complete details.

**6. AVAILABILITY AND COST**

PROMA products are widely available in Canada and the Northeast United States. To find a distributor of PROMA products, call **toll-free: 1.866.51.PROMA (77662)**.

**7. WARRANTY**

PROMA warrants that this product is manufactured using quality raw materials and is of merchantable quality and suitable for the purpose for which it was intended. PROMA's liability under this warranty shall be limited to the replacement of its product proven to be defective. Neither seller nor manufacturer shall be liable for any injury, loss or damage, direct or consequential, arising from the use of/or the inability to use this product.

**8. MAINTENANCE**

Product requires no special maintenance.

**9. TECHNICAL SERVICE**

For more detailed information on this product, please contact our technical department for proper recommendations and job field assistance. **Toll-free: 1.866.51.PROMA (77662)**.

**10. FILING SYSTEM**

Additional information is available upon request, or by visiting [www.proma.ca](http://www.proma.ca).

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