



# ChemMasters

SPECIALTY CONSTRUCTION PRODUCTS

## GRAFFITI STOPPER

GRAFFITI PROTECTION  
ALIPHATIC URETHANE COATING

### P R O D U C T      D A T A

#### DESCRIPTION

**GRAFFITI STOPPER** is a two component polyester urethane developed specifically to protect surfaces from graffiti. Once applied to most surfaces, **GRAFFITI STOPPER** will reduce the adhesion of most coatings, paints and inks to the surface. Paints will typically bead on the surface and make the development of letters or designs difficult. Once dried on the surface, paints or inks can be removed without the use of harsh chemicals. Graffiti can be removed with **GRAFFITI ERASER** from ChemMasters and a pressure washing without leaving a shadow on the surface or damaging the coating.

#### USES

- Exterior concrete, masonry, metal or galvanized metals
- Traffic signs, rail cars, sound barriers, bridges, bath room stalls, schools or other areas subject to attack by graffiti.

#### ADVANTAGES

- **GRAFFITI STOPPER** is different from other graffiti protection systems. Graffiti artists will normally stop application when they see that letters or shapes are not easily formed on a surface treated with **GRAFFITI STOPPER**.
- **GRAFFITI STOPPER** treated surfaces are easy to clean. Other graffiti protection systems require the use of expensive and harsh chemicals for paint removal. Sacrificial graffiti protection systems require reapplication of the sealer after cleaning. Since paint or ink does not adhere well to **GRAFFITI STOPPER**, they are easily removed from the surface with the use of mild chemicals.
- **GRAFFITI STOPPER** adheres tenaciously to a wide variety of substrates.
- Standard **GRAFFITI STOPPER** is a high gloss product, but satin and flat finish versions are available.
- **GRAFFITI STOPPER** protects surfaces regardless of the texture of the substrate. (Smooth surfaces will clean more easily.)
- **GRAFFITI STOPPER** is UV stable and will not yellow.
- Easily mixed and applied with brush, roller or sprayer

#### TECHNICAL DATA

- USDA approved for incidental contact in federally inspected meat and poultry plants
- Complies with National Volatile Organic Compound Emission Standards for Architectural Coatings
- V.O.C. Content: <300 grams per liter
- Solids by Weight: 65-72%
- Dry Time: 30 minutes to touch @ 70°F
- Abrasion Resistance (Taber) 1000g/1000cycles; CS-17wheels: 25 grams

#### SURFACE PREPARATION AND PRIMING

The following primers and surface preparation is required before applying **GRAFFITI STOPPER**:

Concrete & masonry surfaces should be thoroughly cured (minimum 28 days or accelerated cure). All contaminants including efflorescence, form release agents, curing compound and other coatings must be removed. This is usually accomplished with a light sand or water blasting (brush blast). Consult technical data sheet for mixing and application instructions for any primers and proper coverage rates.

**Primers** - Acceptable acrylic primers (with minimum 3 day cure) include **SAFESEAL**, **COLORSEAL**, **TEXTURE DOT**, **POLYSEAL WB**. Acceptable epoxy primers include any ChemMasters **DURAGUARD 100 SERIES** epoxy (apply **GRAFFITI STOPPER** after epoxy is tack free, but within 24 hours).

**Block** - Fill in the pores of a block wall with a cement based block filler or a heavily filled, latex block filler. Prime.

**Brick, Poured Concrete, Precast Concrete** - Clean surfaces with high pressure water blast. Prime.

**Painted Metal** - Ensure paint is soundly bonded with no chalking. Ensure the surface is clean and dry.

**Unpainted Metal** - Remove all mil scale and rust by sand-blasting. Prime with a 100% solids epoxy coating (**DURAGUARD 100**) within 30 minutes of cleaning.



## ChemMasters

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Revised June 11

## DIRECTIONS:

**MIXING:** **GRAFFITI STOPPER** is a two component product and must be mixed prior to application. **GRAFFITI STOPPER** is packaged in 3 gallon units. A kit consists of 2 gallons of Part A resin packaged in a 5 gallon metal pail and 1 gallon of Part B hardener packaged in a 1 gallon can. When mixing a full unit, use a slow speed drill equipped with a jiffler mixing blade to premix Part A for 2 minutes. Then add all of the contents of Part B to the pail containing Part A and mix thoroughly for 2 minutes. Take care to avoid incorporating air into the urethane as this may cause bubbling when applied. If mixing less than a full unit, use separate glass containers to take material from each component. Avoid contamination between the two containers. Carefully measure to ensure that 1 volume of Part B is mixed with 2 volumes of Part A. Guessing about volumes may cause this product not to work properly. Do not attempt to thin material

Once mixed, **GRAFFITI STOPPER** has a pot life of approximately 60 minutes. This may vary depending on atmospheric conditions such as temperature and humidity.

**APPLICATION:** **GRAFFITI STOPPER** is ready for application as soon as mixing is complete. For spray application, use a minimum 2,000 psi airless sprayer equipped with a 517 reverse-a-clean tip. If applying with a bush or roller, use solvent resistant short napped rollers or brushes.

**APPLICATION RATE:** **GRAFFITI STOPPER** is typically applied at from 250-300 square feet per gallon. To achieve this rate, applications may require two or more wet-on-wet applications to get the coverage rate and prevent sags in the coating.

**RECOAT:** Typically only one coat of **GRAFFITI STOPPER** is required to provide protection. The urethane will normally be dry to the touch in 2-4 hours depending on conditions. If a second coat of **GRAFFITI STOPPER** is desired, the second coat must be applied within 8 hours of the first coat being dry to the touch. After this recoat window, the second coat will not bond to the first coat without surface preparation, which includes sanding or abrading of the first coat followed by a solvent wipe.

**GRAFFITI REMOVAL:** For best results, use **GRAFFITI ERASER** to remove graffiti. **GRAFFITI ERASER** contains no environmentally hazardous solvents. Apply **GRAFFITI ERASER** with a stiff, natural bristle brush at approximately 150 square feet per gallon over the affected area. Allow **GRAFFITI**

**ERASER** to dwell on the surface for 2-3 minutes while scrubbing vigorously. Immediately pressure wash the treated area with a minimum 2,500 psi rated unit with the nozzle no more than one foot from the surface. A second application of **GRAFFITI ERASER** and pressure washing may be required to remove the toughest graffiti or to lift shadowing. If shadowing remains after second **GRAFFITI ERASER** application and pressure wash, scrub **MARKER REMOVER** or acetone directly onto the shadow area with a bristle brush and power wash again.

**CLEANUP:** CLEAN tools and equipment before the material dries and sets with xylene, xylol or glycol ether PM acetate. Do not use alcohol based solvents for cleanup.

## LIMITATIONS

- **Full graffiti resistance develops during the curing process of the coating. Full graffiti protection requires a 7 day cure period.**
- **GRAFFITI STOPPER** is not designed for immersion or any use where moisture can reach the underside of the membrane
- Do not apply **GRAFFITI STOPPER** or any primer if the temperature is below 50°F (10°C) or if relative humidity is above 90%. Temperature at time of application must be 5° higher than the dew point. For additional data on good coating practice, consult SSPC and/or NACE.
- Avoid applying **GRAFFITI STOPPER** in direct sunlight during times of extreme heat. This can cause wrinkling, pinholes and blistering. Application should be scheduled for early morning or late afternoon during periods of hot weather.

## STORAGE

Store unmixed material in cool, dry place out of direct sunlight or heat, 75°F (24°C) or lower, in tightly closed containers. Shelf life is 12 months from date of manufacture.

## CAUTIONS

Combustible liquid: Keep away from heat and open flames. Use with adequate ventilation. May cause skin, eye and respiratory tract irritation. Do not take internally. Keep out of reach of children.

### ***This Product is Formulated and Labeled for Industrial and Commercial Use Only***

***FOR BEST RESULTS AND SAFEST USAGE, USER IS SPECIFICALLY DIRECTED TO CONSULT THE CURRENT MATERIAL SAFETY DATA SHEET AND PACKAGE LABEL FOR THIS PRODUCT***

*We warrant our products to meet our published specifications and to be free from defects in materials and workmanship to the acceptable quality levels defined in these specifications. If acceptable quality levels are not specified, the acceptable quality levels will be those normally supplied by us for the product. We make no guarantee of the results to be obtained from the use of our products. The determination as to the adaptability of any of our products to the specific needs of the Buyer is solely Buyer's prerogative and responsibility. We are glad to offer suggestions on the use of our products. Nevertheless, there are no warranties given except such expresses warranties offered in connection with the sale of a particular product. Our liability shall be limited to replacement of, or refund of an amount not to exceed the purchase price attributed to, the goods as to which such claim is made. Our selection of one of these alternatives shall be Buyer's exclusive remedy. IN NO CASE SHALL WE BE LIABLE FOR CONSEQUENTIAL OR SPECIAL DAMAGES, EVEN IF WE HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE FOREGOING WARRANTIES ARE IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, CO-CONDITIONS AND REPRESENTATIONS, EITHER EXPRESSED OR IMPLIED, WHETHER ARISING UNDER ANY STATUTE, COMMON LAW, USAGE OR TRADE, COURSE OF DEALING OR OTHERWISE, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.*