



# ChemMasters®

## Quality • Innovation • Service

# Graffiti Stopper™ Low-VOC Non-Sacrificial Anti-Graffiti Coating

## P R O D U C T D A T A

### DESCRIPTION

**Graffiti Stopper Low-VOC** is a non-sacrificial, two component polyester urethane coating developed specifically to protect surfaces from graffiti. Once applied to many surfaces, **Graffiti Stopper Low-VOC** will reduce the adhesion of most coatings, paints and inks. Paints will typically bead on the surface, detracting from the appearance of letters, designs and graffiti artwork, acting as a deterrent. Once dried on the surface, paints or inks can be removed without the use of harsh chemicals. Graffiti removal is optimized using ChemMasters **Graffiti Eraser** followed by a pressure washing without leaving a shadow on the surface or damaging the coating.

### USES

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

### ADVANTAGES

- Prevents creation of clear, distinct artwork acting as a deterrent to further graffiti.
- Easy to clean without the use of expensive and harsh chemicals for graffiti removal.
- Non-sacrificial—does not require reapplication after cleaning.
- Adheres tenaciously to a wide variety of properly prepared substrates.
- Available as a high gloss or satin/matte finish.
- Protects surfaces regardless of their texture (smooth surfaces will clean more easily.)
- Completely UV stable—will not yellow or discolor.
- Easily mixed and applied with brush, roller or sprayer.

### Packaging

Package	Part Number
Graffiti Stopper Low-VOC 3-gal Kit Consists of: Part A Resin—2 gallons Part B Hardener—1 gallon can	F1450.03

### TECHNICAL DATA

- Cured coating is USDA approved for incidental contact in federally inspected meat and poultry plants
- Complies with 40 CFR Part 59 <250 g/L V.O.C. for Architectural Coatings

### Physical Properties

Volatile Organic Compound	<250 g/L
Solids by weight	64 to 69%
Abrasion Resistance-Taber 1000g/1000 cycles CS-17 wheels	25 grams
Dry Time @ 70°F (21°C): Tack Free	30 minutes
Full Cure/Graffiti Protection	7 days

### DIRECTIONS

**Surface Preparation & Priming:** The following primers and surface preparation is required before applying **Graffiti Stopper Low-VOC**:

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 - Graffiti Stopper Low-VOC** is intended as an anti-graffiti coating over ChemMasters bridge coatings such as **Duraguard 310CRU** and **GreenThane 310WB**. Acceptable acrylic primers (with minimum 3 day cure) include **PolySeal WB, ColorSeal, & TextureDOT**. Acceptable epoxy primers include **Duraguard 100** (apply **Graffiti Stopper Low-VOC** 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 mill scale and rust by sandblasting. Prime with an appropriate metal primer or paint.



**ChemMasters® Inc.**

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## DIRECTIONS CONT'D:

**MIXING: Graffiti Stopper Low-VOC** is a two component product and must be mixed prior to application. **Graffiti Stopper Low-VOC** 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 Low-VOC** has a pot life of approximately 60 minutes. This may vary depending on atmospheric conditions such as temperature and humidity.

**APPLICATION: Graffiti Stopper Low-VOC** 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

### Estimated Coverage Rates

250 to 300 ft<sup>2</sup>/gal (6.1 to 7.4 m<sup>2</sup>/L)\*

\* Use recommended DOT rates where applicable

roller, use solvent resistant short napped rollers or brushes.

**APPLICATION RATE: Graffiti Stopper Low-VOC** 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 Low-VOC** 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 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. It contains no environmentally hazardous solvents. Apply 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.

**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.

## LIMITATIONS:

Do not apply when:

- the surface or air temperature is or is expected to be below 60°F (15.6°C) within 6 hours of application.
  - temperature at the time of application is within 5°F (2.7°C) of the dew point
  - dew, fog, or high humidity is expected within 4 hours of application.
  - rain is expected within 24 hours of application
  - if surface is frozen or frost filled
- Full graffiti resistance develops during the curing process of the coating. Full graffiti protection requires a 7 day cure period.**
  - Do not apply in areas of immersion or where a negative head pressure may exist.
  - Application in direct sunlight or during times of extreme heat may cause wrinkling, pinholes, or blistering.
  - Schedule application for early morning or late afternoon when ambient and substrate temperatures are at their lowest.
  - Not recommended for waterproofing or damp proofing of exterior horizontal surfaces, floors or below grade interior walls. Iron particles in block, brick or mortar may cause discoloration through the coating. Keep from freezing.
  - For additional data on good coating practice, consult SSPC and/or NACE

## PRECAUTIONS

Consult Safety Data Sheet for complete hazard information.

**For professional use only**

**Keep out of reach of children**

## THIS PRODUCT IS FOR COMMERCIAL USE ONLY – IT IS NOT A CONSUMER PRODUCT.

Before using this product read entirely this paragraph and the Manufacturer's Warranty and Limitations of Liability at [Chem-Masters.net/Warranty.php](http://Chem-Masters.net/Warranty.php) (or by using the adjacent QR Code) incorporated herein (collectively the "Terms"). To reject any of the Terms buyer must return the unopened product container at once to the seller from which it was purchased. By opening or using this product buyer accepts without objection or modification all Terms. Subject to applicable law, **MANUFACTURER DISCLAIMS ALL IMPLIED WARRANTIES, INCLUDING IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE**, and buyer agrees that in lieu of all other remedies in manufacturer's sole discretion it will either replace defective product or refund the reasonable purchase price, and in no event may you recover from manufacturer any special, incidental or consequential damages even if it was aware of the possibility of such damages.

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