

# EDGE Graffiti Barrier™

Technical Data



## **1. PRODUCT IDENTIFICATION:**

Trade Name: EDGE Graffiti Barrier™

Hazardous Ingredients: OSHA-PEL-ACGH TLV-OTHER LIMIT; all ingredients that are not regulated by OSHA are considered trade secrets

## **2. PRODUCT DESCRIPTION:**

EDGE Graffiti Barrier™ is a one component white liquid, when applied according to specifications, seals porous surfaces making them resistant to penetration by water and other liquids with little or no change in color or appearance. EDGE Graffiti Barrier™ forms and fills voids in porous surfaces and minimizes the penetration of graffiti spray paints and other unwanted markings, thus allowing the removal of graffiti with an approved cleaner and low-pressure water rinse without sacrificing the anti-graffiti barrier. High-pressure washing may be used for removal but will reduce the life expectancy of EDGE Graffiti Barrier™ water repellence and anti-graffiti barrier. EDGE Graffiti Barrier™ has material flexibility after curing which allows for expansion and contraction, building movement, and temperature extremes from -70° to +400° Fahrenheit.

## **3. TECHNICAL, PHYSICAL, AND CHEMICAL DATA:**

**Typical Uncured Properties:** Appearance and Odor: White liquid with very mild odor

**Specific Gravity:** (H O-1): 1.0

**Solubility in Water:** Soluble VOC less water than 25 grams per liter

**Vapor Pressure:** (mm Hg): N/A Vapor Density: (Air - 1) +1

**Percent Volatiles:** None

**Boiling Point:** Degrees 212 Fahrenheit

**Evaporation Rate:** (Butyl Acetate - 1)

**Melting Point:** N/A

**PH:** 7 - 8

**Solids by Weight:** 30 - 32%

**Typical Cured Properties:** Initial Cure: 1.5 hours Full Cure: 24 - 48 hours depending on substrate and weather conditions ASTM

**D412:** Elongation 325%

**ASTM E96:** Water vapor transmission .017 grains/hour/foot cubed Permeability: .04 (Perm) UV

**Resistance:** Excellent

## **4. FIRE AND EXPLOSION DATA:**

**Flash Point (Method Used):** None

**Flammable Limits:** None

**Extinguishing Media:** NON-COMBUSTIBLE

**Special Fire Fighting Procedures:** None

**Unusual Fire and Explosion Hazards:** None



#### **5. REACTIVITY DATA:**

**Stability:** Stable

**Incompatibility (Materials to Avoid):** None

**Conditions to Avoid:** Strong Oxidizers and Caustics

**Hazardous Decomposition or Byproducts:** None

**Hazardous Polymerization:** Will not occur

#### **6. HEALTH HAZARD DATA:**

**Routes of Entry:** Inhalation, Skin, and Ingestion all: Yes

**Health Hazards (Acute and Chronic):** Carcinogenicity: No

**Unrelated NTP:** No

**OSHA Regulated:** No

**Signs and Symptoms of Exposure:** EYE and SKIN irritation

**Medical Conditions Generally Aggravated by Exposure:** EYE and SKIN irritation **IARC:**

No

#### **7. EMERGENCY AND FIRST AID PROCEDURES**

**Eyes:** Flush with water

**Skin:** Wash with soap and water

**Ingestion:** DO NOT INDUCE VOMITING, GET MEDICAL ATTENTION

#### **8. PROTECTION AND CONTROL MEASURES:**

**Respiratory Protection:** None required

**Ventilation:** None

**Protective Gloves:** Any rubber glove

**Eye Protection:** Chemical splash goggles or safety glasses

**Other Protection:** Clothing or equipment

**Work/Hygienic Practices:** Keep body contact and splash to a minimum; Use in a ventilated area unless recommended respiratory protection is used

#### **9. SPILLS AND DISPOSAL PROCEDURES:**

**Steps to be taken in case the material is released or spilled:** Use sponges or mops to put liquid in container. Allow water to evaporate from the container. Solids are non-toxic. Clean all equipment with soap and water. If product has cured clean with mineral spirits or paint thinner.

**Waste Disposal:** Dispose solids in usual trash.

**Precautions to be taken in handling and storage:** Avoid freezing and temperatures over 100 Fahrenheit

# EDGE Graffiti Barrier™

Application Data



You will agree, one of the biggest problems facing most large cities is how to clean up the Graffiti that defaces many of their buildings and transportation systems.

We have come up with a solution that is EDGE Graffiti Barrier™.

No More:

- \* Sandblasting
- \* Repainting
- \* Toxic Chemicals
- \* Hard Labor

Your city can rid itself of the unsightly graffiti with minimum amount of effort in a cost effective way.

How?

Apply EDGE Graffiti Barrier™ to any clean or painted surface simply wash the graffiti off when it occurs with high-pressure water spray (2,000 PSI or less) or use our EDGE Graffiti Remover™. The water resistant anti-graffiti barrier will remain intact to protect the surface from future vandalism. Your city will appreciate EDGE Graffiti Barrier™ being a non-toxic biodegradable, environmentally safe, formula that is unaffected by damaging UV rays and dries clear without cracking or yellowing.

EDGE Graffiti Barrier™:

- \* Inhibits graffiti penetration
- \* Beautifies original finish
- \* Extends life of surface
- \* Is easy to apply – affordable
- \* Seals out water and liquids
- \* Is low maintenance

Protecting buildings, billboards, street signs, subways or school walls, cars or transportation vehicles, EDGE Graffiti Barrier™ with its multiplicity of uses, is your best solution.





**Application on Vertical Surfaces:**

Application with an airless sprayer, garden/pump-up sprayer, brush, or roller is recommended for best results. Spray uniformly to form a continuous film. A three (3) to four (4) inch run-down is desirable for most vertical surfaces. The application rate may vary depending on the porosity and texture of the surface. Back rolling or brushing is recommended to insure full and even coverage. EDGE Graffiti Barrier™ must be applied to a clean, dry surface free from water, dirt, oil, and other materials to allow for best penetration and adhesion. The repellent must not be applied during inclement weather or when precipitation appears imminent.

**Application on Horizontal Surfaces:**

Use the same method as on vertical surfaces and apply enough EDGE Graffiti Barrier™ to saturate the surface. Remove any excess material that "puddles", as these spots will discolor and become slippery when wet.

**General Application Information:**

Water saturated surfaces may reduce penetration. Damp substrates will increase cure time, but will not harm the effectiveness of the sealer. When utilizing a sprayer, spray to saturation level making sure all substrate has come in contact with the product. Cover and protect all surfaces not to be treated (i.e. glass, shrubbery, etc.). Immediately wash sealer off surfaces not to be treated with soap and water. If set up has occurred, clean equipment with mineral spirits or paint thinner.



**Surface Coverage**

<b>Material</b>	<b>Sq/Ft/Gal</b>	<b>Material</b>	<b>Sq/Ft/Gal</b>
Aggregate	175	Leather	250
Asphalt	175	Masonry	200
Awnings	250	Patio	200
Block	150	Metal Surface	250
Brick	150	Plastic	250
Concrete	200	Stone	250
Canvas	200	Stucco	175
Decks	175	Tile	200
Fencing	150	Wood	150

**Guarantee:** One application of EDGE Graffiti Barrier™ will substantially prolong the life and usefulness of any porous surface, protecting against graffiti vandalism, and is guaranteed to remain effective for 20 years when properly maintained. To maintain optimum graffiti protection and warranty provisions, a refresher application of Graffiti Barrier™ is recommended on the treated area after each removal process.

## **EDGE Graffiti Remover™**



EDGE Graffiti Remover™ is a biodegradable ecologically acceptable graffiti solution. It is designed to work best when used in conjunction with our EDGE Graffiti Barrier™ product coating.

EDGE Graffiti Remover™ may also be used alone on many non-porous surfaces to remove most if not all types of unwanted graffiti in one single application.

EDGE Graffiti Remover™ may be applied with a Roller, Brush, Garden or Pump Sprayer or Airless Sprayer directly on the Graffiti. Allow our remover to work on the graffiti from two to five minutes. Agitate the graffiti with a nylon brush to help remove the graffiti. Wash the area with water to remove the residue.

**Safety Requirements:** EDGE Graffiti Remover™ should be used in a ventilated area. When applying, utilize protective gloves for hands and goggles for your eye protection. When storing isolate from oxidizers, heat, sparks, electric equipment and open flame. Keep lid closed when not in use for extended life of product.

### **Emergency & First Aid Protection:**

**For Eyes:** Wash with water for 15 minutes and get medical attention.

**For Skin:** Remove contaminated clothing and wash with soap and water.

**For inhalation:** Remove to fresh air area.

**Ingestion:** Get medical attention. Do not induce vomiting.