



# EDGE GRAFFITI BARRIER™ SPECIFICATION AND MATERIAL SAFETY DATA SHEET

Date of Analysis: May 31, 1994

Analysis Performed by: Proprietary Blenders Association  
206 West Commercial  
Pleasant Hill, MO 64080

1. PRODUCT IDENTIFICATION:

Trade Name: EDGE Graffiti Barrier™  
Manufacturing Name: Ecosil

Hazardous Ingredients: OSHA=PEL-ACGH TLV-OTHER LIMIT: ALL INGREDIENTS ARE NOT REGULATED BY OSHA AND CONSIDERED TRADE SECRETS

2. PRODUCT DESCRIPTION:

- A. Water and Liquid Repellent- Edge Graffiti Barrier™ is one component with liquid silicone rubber dispersion which 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.
- B. Edge Graffiti Barrier™ form fills voids in porous surfaces and minimizes the penetration of graffiti, 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's water repellence and anti-graffiti barrier.
- C. Edge Graffiti Barrier™ has material flexibility after curing which allows for expansion and contraction, building movement and temperature extremes from (-70 to + 400 degrees Fahrenheit).

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3. TECHNICAL, PHYSICAL AND CHEMICAL DATA

A. Typical uncured properties:

Appearance and Order: white Liquid with very mild odor.  
Specific Gravity (H. 0-1):1.0  
Solubility in water: Soluble VOC less water than 25 grams per liter  
Vapor Pressure: (mmHg) +1  
Percent Volatile: None  
Boiling Point: Degrees 212 Fahrenheit  
Evaporation Rate: (Butyl Acetate -1)  
Melting Point: N/A  
PH: 7-10  
Solids by Weight: Graffiti Barrier            25-28%

B. Typical cured properties:

Initial Cure: 1.5 hours  
Full Cure: 24-48 hours depending on substrate and weather conditions  
ASTM E96: Water vapor transmission .017 grains/hour/foot cubed  
ASTM D412: Elongation 325%  
Permeability: 040(Perm)  
UV Resistance: Excellent

4. FIRE AND EXPLOSION DATA

Flash Point (Method Used): none  
Flammable Limits: None  
Extinguishing Media: NONCOMBUSTIBLE  
Special Fire Fighting Procedures: None  
Unusual Fire and Explosion Hazards: None

5. REACTIVITY DATA

Stability: Stable  
Incompatibility (Materials to avoid): None

6. HEALTH HAZARD DATA

Routes of Entry: Inhalation, Skin and Ingestion all: Yes  
Health Hazards (Acute and Chronic): Carcinogenicity: No  
Unrelated NTP: No LARC: NO OSJA Regulated: No  
Signs and Symptoms of Exposure: EYE and SKIN irritation  
Medical Conditions Generally Aggravated by Exposure: EYE and SKIN irritation

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 gloves  
Eye Protection: Chemical splash goggles or safety glasses  
Other Protective: Clothing or equipment  
Work/Hygienic Practices: Keep body contact and splash to a minimum.  
Use in a ventilated area unless recommended respiratory protection used

9. SPILL AND DISPOSAL PROCEDURES

Steps to be taken in case material is released or spilled: Use sponges or mop 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.

Water Disposal: Dispose solids in usual trash.

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



10. FOR ADDITION INFORMATION CONTACT:

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EDGE Technology Coatings  
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