



## **9 - 099623 GRAFFITI-RESISTANT COATINGS**

### **Product Name:**

SURFACE SAFE PROTECTIVE COATING / Sacrificial

### **Product Description:**

Surface Safe sacrificial graffiti resistant coating is a specially formulated blend of waxes and resins designed for optimum performance as a protective sacrificial system over most interior and exterior hard surfaces. It provides a temporary barrier against graffiti damage caused by most spray paints and markers. It is a milky white water based liquid with a mild solvent odor and dries to a smooth clear finish with a 4% sheen level.

### **Features and Benefits:**

- Water-Based Formula – Safe for the Environment - BIODEGRADABLE
- Safe for the Air – VOC COMPLIANT
- Easy Clean-up – Water Rinsing – NO SOLVENTS NEEDED
- Clear, non-yellowing Natural Finish – will not change the Substrate – SURFACE INTEGRITY
- Safe to use on many Interior and Exterior Surfaces – VERSATILITY
- Quick and Easy Application - Brush, Roll or Spray – IMMEDIATE PROTECTION
- Easy Removal with Hot Pressure Washing or appropriate BK Enterprises Graffiti Remover – COST EFFECTIVE

### **Test Area:**

Always test each type of surface / substrate before general use to determine compatibility, yield, appearance, and desired results before overall application. Apply to an inconspicuous area to test for overall compatibility before determining results.

### **Recommended Hard Surfaces for Protection:**

- Concrete, Brick, Masonry, Stone
- Metal
- Wood
- Plastic
- Aggregate Panels
- EIFS and Cement Plaster, Stucco
- Water-Based and Solvent-Based Coatings
- Previously or Newly Painted Surfaces

**NOTE:** Masonry, including mortar, concrete and cement plaster, must be cured a minimum of 28 days prior to applying Surface Safe Protective Coating.

PRODUCT DATA SHEET:  
SURFACE SAFE PROTECTIVE COATING / SACRIFICIAL

**Surface Preparation:** Surface must be sound, clean, dry and free from oils, grease, dust and dirt, mildew, efflorescence and other contaminants which may inhibit adhesion. Contact BK Enterprises for approved methods for removal of loose substrate surfaces. If surface has graffiti present, the graffiti must be removed with the appropriate BK Enterprise Graffiti Remover. If cleaning is necessary, pressure wash to insure all surface contaminants are removed. Allow cleaned surfaces to dry completely and inspect for any altered appearance to the substrate before application of SURFACE SAFE Protective Coating / SACRIFICIAL. For porous surfaces that have been power washed, allow a minimum of 48 hours drying time before application.

**Pre Application Check List:**

1. Surface Safe Protective Coating Sacrificial System should be applied under ideal weather conditions, rain is not imminent, and surfaces are not wet or frozen. Air temperature should be within 50°F to 100°F range.
2. All incompatible form oils, release agents, chalking or flaking paint and laitance must be removed prior to application.
3. Retaining walls, planter boxes, etc., should be waterproofed with a below grade asphalt type sealer on the side of the wall exposed to back-fill.
4. Surface Safe Protective Coating Sacrificial System is for above grade only. Do not use below grade or on horizontal surfaces exposed to pooling water or foot traffic.
5. BK Enterprises does not promote or recommend coating the sealant joints, nor is the sealant compound an approved substrate.

**Coverage:**

Application rates will vary with the porosity and texture of the substrate, application methods and application technique. Coverage rates generally increase approximately 30% - 50% for second coat application.

First Coat Coverage Rates:

Painted Surfaces, Metal, Plastic	300 – 500 sq. ft. /Gallon
Concrete, Brick, Sealed Wood, Stucco	150 – 300 sq. ft. /Gallon
Block, Porous Masonry	75 – 150 sq. ft. /Gallon

**Application:**

Equipment – Surface Safe Protective Sacrificial Coating System may be applied by roller (roller nap selected to match substrate), foam brush (for smooth surfaces), brush (a quality nylon bristle brush) or spray applied with a commercial grade airless sprayer with spray tip size of .013 to .015 (suggest a 10" fan size). **Do not use garden tank pump sprayers** (uncontrolled and inefficient method of application).

How to Apply – Surface Safe Protective Sacrificial Coating must be mixed or shaken before using.

(NOTE: Do not thin or dilute; always use at full strength.) **3 coat applications recommended on smooth surfaces, 4 coats on porous surfaces for best performance.** Apply an even and uniform coat using an Airless Spray (spray approximately 12" from surface), brush or roll with an overlapping stroke, preferably working from the bottom up on the substrate, maintaining a smooth wet edge to a break or finish point. Do not allow material to puddle or run. Back roll or brush out any excess build up or run lines. Excess build up can cause a cloudy appearance when dry. Do not back roll or brush areas that

PRODUCT DATA SHEET:  
SURFACE SAFE PROTECTIVE COATING / SACRIFICIAL

have begun to set and are “tacky” to the touch. The desired effect is to create a continuous **pinhole-free film** at 1 mil per coat. Allow 30 minutes before applying additional coats (drying time will vary with air temperature). Repeat applications will follow the same procedure as the first coat. Once the coating has become dry and hard (approximately 45 minutes to 1 hour), it is graffiti resistant. Full cure is 24 hours.

**NOTE:** Coating may aerate (bubble) and turn milky white as it is being applied (especially when rolled or brushed), within a few minutes after application, the coating will smooth out to a flat clear finish.

**Removal:**

Surface Safe Protective Coating / Sacrificial may be removed by using a hot water pressure washer. Water temperature should be at 170°F to 180°F; water pressure should be approximately 900 to 1200 psi. On sensitive substrates, keep water pressure as low as possible to avoid damaging the underlying surface. If hot water is not available or the area is not accessible for power washing, the appropriate BK Enterprises Graffiti Remover can be applied to the area for complete removal process. Refer to the selected Graffiti Remover PDS / MSDS for complete product and application information. After removal and the surface has had time to dry completely, re-apply Surface Safe Protective Coating / Sacrificial to restore protection.

**Clean-up:**

Wet material can be rinsed with water. Dry material can be cleaned with mineral spirits or most paint thinners.

**Specifications:**

Composition: Translucent, milky wax emulsion

Coverage Rate: 75 to 500 sq. ft. /Gallon

Solids by Weight: 35%+

Film Thickness: 1 mil per coat (25-30 microns)

Drying Time: 30 minutes between coats, 1 hour to surface hardness, 24 hours to full cure

D.O.T. Shipping Class: N/A

Hazardous Class: N/A

Freight Class: 55

UN NO: N/A

V.O.C. Content: 4.8g per liter

Shelf Life: 12 months

Coated Surface Longevity: 12 months

Storage: Refer to Section 7 in MSDS

Safety Information: Refer to Section 8 in MSDS

First Aid: Refer to Section 4 in MSDS

Spills / Leaks: Refer to Section 6 in MSDS

Fire: Refer to Section 5 in MSDS

(MSDS – Material Safety Data Sheet)

**NOTE:** Contact BK Enterprises for any further information on personal safety

PRODUCT DATA SHEET:  
SURFACE SAFE PROTECTIVE COATING / SACRIFICIAL

**Disclaimer:**

The information in this Product Data Sheet was obtained from sources we believe are reliable. We believe the information was accurate at the time it was compiled. However, there is no expressed or implied warranty for SURFACE SAFE Protective Coating / Sacrificial. The conditions of storing, handling and use being beyond the manufacturer's control, it is the sole responsibility of the user to determine all appropriate precautions for the safe handling and use of this product. The information contained herein pertains only to this product and not to its use in combination with any other materials. It is the user's responsibilities to comply with all applicable federal, state, and local laws. Manufacturer disclaims all liability for incidental or consequential damages arising out of or in connection with the use of, or inability to use, this product.

