

PRODUCT DATA SHEET: SMART GREEN GRAFFITI REMOVER



Product Name:

SMART GREEN GRAFFITI REMOVER



Product Description:

SMART GREEN Graffiti Remover is a **Certified EnviroKleen™ Environmentally-Preferable Product** containing a liquid chemical blend of Sodium Hydroxide and surfactants in a specially formulated solvent solution. SMART GREEN Graffiti Remover is a fast activating remover that penetrates into spray paint and other graffiti coatings. SMART "GREEN" Graffiti Remover quickly dissolves and breaks down most graffiti coatings within **2 minutes**; allowing it to be easily removed by rinsing with water. SMART GREEN Graffiti Remover is dark brown-red in color with a moderate acetone odor. SMART GREEN Graffiti Remover is **highly biodegradable** by air, water and soil applications. SMART GREEN Graffiti Remover is intended for exterior surface use.

Product Use:

SMART GREEN Graffiti Remover can be used in the removal of paint and graffiti from the following exterior surfaces: masonry, block, brick, concrete, stone, aggregate panels, asphalt surfaces, *wood, painted surfaces, some plastics and more. If used correctly, SMART GREEN Graffiti Remover should not damage or harm the surface.

NOTE: SMART GREEN Graffiti Remover is not recommended to use on glass (can become brittle), rubber (can be softened), and galvanized metal surfaces, aluminum and other non-ferrous or ferrous metals like steel (can be marred or corroded). *On laminated or pressboard (composition) woods, like plywood and OSB board, the use of SMART GREEN Graffiti Remover is not recommended (can cause de-lamination). SMART GREEN Graffiti Remover may discolor chemical treated woods. Verify with BK Enterprises for final determination on any questionable surface. Always test any graffiti remover on a small, hidden area of the surface before full application to determine any negative reaction.

Safety Use:

Wear safety glasses with side shields or splash goggles for eye protection. Wear chemical resistant gloves, long sleeved shirts, long pants and shoes for skin protection. Use SMART GREEN Graffiti Remover only in well-ventilated areas; if needed, use NIOSH-approved organic vapor respirators. Keep SMART GREEN Graffiti Remover away from open flames and sparks – **NO SMOKING** when using SMART GREEN Graffiti Remover. Do not mix acids, strong oxidizing agents (like bleach), or ammonium compound (like window cleaners) with SMART GREEN Graffiti Remover; toxic fumes or fire may result.

PRODUCT DATA SHEET: SMART GREEN GRAFFITI REMOVER

NOTE: KEEP OUT OF THE REACH OF CHILDREN! Always keep bottle capped and closed when not in use.

Surface Preparation:

All surfaces should be sound and stable. SMART GREEN Graffiti Remover can be applied directly to a wet or dry surface. If the surface has an excessive build up of dirt or other contaminants that would prevent the remover from functioning, pressure wash the surface before applying SMART GREEN Graffiti Remover. Always test SMART GREEN Graffiti Remover on a small, hidden surface area to determine compatibility, yield, appearance and desired result before overall application.

Pre Application Check List:

1. Have a clear and uncluttered working area.
2. Make sure the area is accessible for power washing equipment if needed.
3. Always have MSDS available for local regulatory authorities if information is needed.
4. Do not use around an open flame or in areas that could produce sources of ignition.
5. Have an immediate access to water in case of small spills, leaks or accidents. If SMART GREEN Graffiti Remover comes into contact with skin, quickly and thoroughly rinse the area with water.

Coverage:

Application rates can vary and may be affected by: the porosity and texture of the surface, application methods and techniques, application equipment, and the age, type, thickness and severity of the graffiti. Coverage rates for SMART GREEN Graffiti Remover will range from 50 sq ft to 200 sq ft per gallon.

Tools and Equipment:

- Safety gear - eye glasses, gloves, appropriate clothing
- SMART GREEN Graffiti Remover - 5 Gal Drum, 1 Gal Bottle or 1 Qt. Bottle – have enough product for the target project
- 1 gallon container of water for small spills and accidents, etc.
- Polypropylene or HDPE pail - **DO NOT USE METAL PAIS!**
- Application tools - nylon paint brush, ¾ Lamb's wool blend paint roller, roller cage, roller extension pole, nylon scrub brush, nylon broom brush, chemical resistant tank sprayer
- Removal equipment - pressure washer (2200psi), garden hose and nozzle or pump sprayer

NOTE: Contact BK Enterprises for specification and recommendation of the chemical resistant tank sprayer.

Application Procedures: Shake before using product. Recommend using at full strength, although product can be diluted with water (dilution may affect the power of removal and additional applications maybe required).

PRODUCT DATA SHEET: SMART GREEN GRAFFITI REMOVER

- Brush Method for small graffiti areas - Use only a nylon paint brush. Pour the needed amount of product into a small polypropylene or HDPE pail. Brush on the remover, covering and concentrating only on the graffiti “tagged” area, agitate if necessary with a stiff nylon scrub brush and then let the remover activate for **2 minutes**. In some cases, activation may be faster or slower due to surface conditions, age of the tag and type of material being removed; judge time accordingly for any application method.
- Paint Roller Method for larger areas – Use a ¾" lamb’s wool blend roller cover. Pour the needed amount of product into a polypropylene or HDPE pail. Roll on remover, covering the entire “tagged area” and work the remover into the “tagged” surface, agitate if necessary with a stiff nylon scrub brush or nylon broom brush and then let the remover activate for **2 minutes**.
- Tank Sprayer Method for larger areas and porous surfaces – Contact BK Enterprises for the recommended tank sprayer. Fill the tank sprayer with the needed amount of product. Spray on remover, generously covering the “tagged” area, agitate if necessary with a stiff nylon scrub brush or nylon brush broom and then let the remover activate for **2 minutes**. **Do not store remover in the sprayer tank.**
- Above Methods on Painted Surfaces – Before applying the product on painted surfaces, wet the surface with water before application then follow the recommended procedure for application. Always test SMART GREEN Graffiti Remover on a small, hidden area of the painted surface before proceeding.
- Repeat Applications – A repeat application may be needed for difficult shadowing or very porous substrates. SMART GREEN Graffiti Remover can be applied directly to wet surfaces.

NOTE– Ambient temperature application range: from 35°F to 100°F. Performance and function will be affected by cooler temperatures slowing down the activation time and high temperatures promoting increased evaporation rates. Recommended air and surface temperature range for application is: **65°F - 85°F** for optimum performance.

Removal Procedures:

After SMART GREEN Graffiti Remover has activated for **2 minutes**, rinse the area with water using pressure washer at 2200 psi (recommend removal method), pressure from garden water hose with nozzle or other water rinsing systems to remove the graffiti and excess remover. Pressure washing can be done with cold water but in cooler temperatures, hot water (180°F –190°F) may be more effective. If any graffiti residue is present after the removal process, the product can be reapplied immediately to the wet surface using the same application procedures and removal process to remove any existing graffiti residue or shadow. **NOTE:** When pressure washing, use care with tips that create high energy like “turbo tips”; they could etch or mar the surface. On sensitive substrates, like aggregate panels, lower psi levels may be used to avoid damaging the underlying surface. Always inspect surfaces before application and removal to determine best procedures. Thorough rinsing is essential to prevent substrate damage and to allow for any touch-up paint to adhere to the surface. **CAUTION: Do not power wash or spray when high winds are present!**

PRODUCT DATA SHEET: SMART GREEN GRAFFITI REMOVER

Clean Up:

All tools and equipment can be cleaned with water. "Good housekeeping" rules should be followed with the surrounding areas, making sure no obstructions or residue will cause safety issues. Although SMART GREEN Graffiti Remover is highly biodegradable, always check with local agencies for proper disposal regulations before rinse water is discharged into sewer systems or bodies of water.

Specifications:

Certified as an Environmentally-Preferable Product: EnviroKleen™ Certification / Eco-Label Program
Coverage Rate: 50 – 200 square FT/ Gallon

Hazardous Materials Description and Proper Shipping Names: Flammable Liquids, Corrosive, n. o. s.
(Ethanol / Acetone, Sodium Hydroxide)

Hazard Class: Primary 3 (Flammable) Secondary 8 (Corrosive)

Identification No: UN 2924

DOT Shipping Class: Packing Group II

Freight Class: 60 / ORM-D Pint, Quart containers

Shelf Life: 12 Months

Physical and Chemical Properties: Refer to Section 9 in MSDS

Biodegradation: Refer to Section 12 in MSDS

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

Transportation: Refer to Section 14 in MSDS

(MSDS – Material Safety Data Sheet)

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 SMART GREEN Graffiti Remover. 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 responsibility 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.

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