

## HEAVY ARMOR GRAFFITI REMOVER

### Product Description:

HEAVY ARMOR Graffiti Remover is a strong chemical blend containing surfactants in a specially formulated solvent solution. HEAVY ARMOR Graffiti Remover is a fast activating remover that quickly dissolves and breaks down most spray paints and permanent marker within **60 seconds**. HEAVY ARMOR Graffiti Remover is easy to apply and allows rapid graffiti removal from both interior and exterior metal surfaces. HEAVY ARMOR Graffiti Remover is amber in color with a heavy citrus odor. HEAVY ARMOR Graffiti Remover is expected to biodegrade by air, water and soil.

### Product Use:

HEAVY ARMOR Graffiti Remover can be used in the removal of spray paint and marker graffiti from the following metal surfaces: stainless steel, mild steel and ferrous metals, aluminum and non-ferrous metals, color bonded surfaces and pre-finished metal, powder coated surfaces, painted metal surfaces and more. If used correctly, HEAVY ARMOR Graffiti Remover will not damage or harm the surface.

**NOTE:** HEAVY ARMOR Graffiti Remover is not recommended to use on rubber and some plastic surfaces. HEAVY ARMOR Graffiti Remover may be too harsh on metal signage using screen print inks. Verify with Triple S for final determination on any questionable surface. It may be necessary to test HEAVY ARMOR 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 HEAVY ARMOR Graffiti Remover only in well-ventilated areas; if needed, use NIOSH-approved organic vapor respirators. Keep HEAVY ARMOR Graffiti Remover away from open flames and sparks – **NO SMOKING** when using HEAVY ARMOR Graffiti Remover. Do not mix acids, bases (lye), and strong oxidizing agents (like bleach), with HEAVY ARMOR Graffiti Remover; toxic fumes may result.

**NOTE:** With HEAVY ARMOR Graffiti Remover, as well as all graffiti removers, **KEEP OUT OF THE REACH OF CHILDREN!** Always use common sense when using any chemical.

### Surface Preparation:

All surfaces should be sound and stable. If the surface has an excessive build up of dirt or other contaminants that would prevent HEAVY ARMOR Graffiti Remover from functioning, wash the surface with water before applying HEAVY ARMOR Graffiti Remover. Always test HEAVY ARMOR Graffiti Remover on a small, hidden 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 properly ventilated.
3. If using HEAVY ARMOR Graffiti Remover in populated public areas, take appropriate safety measures for crowd exposure.
4. Do not use around open flame or in areas that could produce sources of ignition.

### Coverage:

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

## Tools and Equipment:

- Safety gear - glasses, gloves, appropriate clothing.
- HEAVY ARMOR Graffiti Remover – 1 Gal, 1 Qt. Bottle or Pt. Bottle– have enough product for the target project.
- Spray bottle or container of water for pre-rinsing, rinsing and cleaning.
- Application tools - sponge, rags, scouring pads, #000 steel wool, nylon scrub brush, nylon broom brush, \*chemical resistant trigger sprayer, \*chemical resistant tank sprayer.
- Removal tools – spray bottle or container of water, pressure washer (large jobs), sponges and rags.

**NOTE:** \*Contact Triple S for specification and recommendation of the chemical resistant trigger sprayer and chemical resistant tank sprayer.

## Application Procedures:

**SHAKE** HEAVY ARMOR Graffiti Remover before using. **DO NOT THIN OR DILUTE** – always use HEAVY ARMOR Graffiti Remover at **FULL STRENGTH** for all applications.

## Application Procedures:

- Test HEAVY ARMOR Graffiti Remover on a small hidden area prior to full application.
- Wet surface with water prior to product application.
- Liberally apply HEAVY ARMOR Graffiti Remover to the surface with sponge, rag or recommended chemical sprayer. Contact Triple S for specification and recommendation of chemical sprayers.
- Allow HEAVY ARMOR Graffiti Remover to activate on the surface for **60 seconds**.
- Agitate with sponge, rag,\*scouring pad or #000 steel wool as necessary.

**\*WARNING** – Care must be used if scrubbing with scouring pad or steel wool. These items can cause permanent damage to some surfaces. Always inspect surfaces before application and removal procedures. Verify with Triple S for final determination on any questionable surface.

**NOTE:** Ambient temperature application range: from 35°F to 100°F. Performance and function of HEAVY ARMOR Graffiti Remover will be affected by cooler temperatures slowing down the activation time and high temperatures promoting increased evaporation rates. Ideal temperature range (also surface temp) for application is 65°F - 85°F.

## Removal Procedures:

After HEAVY ARMOR Graffiti Remover has activated for **60 seconds**, rinse the surface area with water and wipe dry if necessary. If any graffiti residue is present after the removal process, HEAVY ARMOR Graffiti Remover can be reapplied immediately to the wet surface using the same application procedures and removal process to remove any existing graffiti or shadow. Pressure washing equipment can be used in removal for large surfaces. Adjust the psi setting to match surface condition and integrity.

**NOTE:** Do not use gun tips that create high energy like “turbo tips” that can etch or mar the surface. On sensitive substrates, like painted or coated surfaces, lower psi levels may be used to avoid damaging the underlying surface. Always inspect surfaces before removal process.

**CAUTION: DO NOT POWER WASH OR SPRAY WHEN HIGH WINDS ARE PRESENT!**

## 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.

### **Specification:**

Coverage Rate: 50 – 200 square FT/ Quart

Hazardous Materials Description and Proper Shipping Names: Flammable Liquids, n. o. s. (Ethanol)

Hazard Class: Primary 3 (Flammable)

Identification No: UN 1993

DOT Shipping Class: Packing Group II

Freight Class: 55 / ORM-D Quart and Pint containers

Shelf Life: 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

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 HEAVY ARMOR 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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