

MATERIAL SAFETY DATA SHEET

Total Solutions
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GENERAL INFORMATION NUMBER: (414) 354-6417
CHEMTREC: (800) 424-9300

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I - Product Identification

Gel Graffiti Remover

PRODUCT CODE: 8307

CHEMICAL FORMULATION: Pressurized solvent based cleaner.

HMIS HAZARD IDENTIFICATION SYSTEM: HEALTH: 2 FLAMMABILITY: 2 PHYSICAL HAZARD: 0
HAZARD RATING: 4 - Extreme; 3 - High; 2 - Moderate; 1 - Slight; 0 - Insignificant

II - Hazardous Ingredients

Values reported as TWA unless noted.

SUBSTANCE	APPROX %	OSHA PEL	ACGIH TLV	EPA 40 CFR:			CAS #
				302	355	372	
Methylene Chloride	70.0-80.0	25 ppm	50 ppm	Y	N	Y	75-09-2
Propane	5.0-8.0	1000 ppm	1000 ppm	N	N	N	74-98-6
n-Butane	5.0-8.0	N/E	1000 ppm	N	N	N	106-97-8
Methanol	3.0-5.0	200 ppm	200 ppm	Y	N	Y	67-56-1
Toluene	3.0-5.0	200 ppm	20 ppm	Y	N	Y	108-88-3
Propylene Oxide	0.1-0.5	100 ppm	2 ppm	Y	N	Y	75-56-9

Key: PEL: Permissible Exposure Limit TLV: Threshold Limit Value C: Ceiling level STEL: Short Term Exposure Limit
N/A: Not Applicable N/D: Not Determined N/E: Not Established Y: Yes N: No

302: CERCLA List of Hazardous Substances and Reportable Quantities (40 CFR 302.4).

355: SARA TITLE III / List of Extremely Hazardous Substances for Emergency Planning and Notification (40 CFR 355).

372: SARA TITLE III / List of Toxic Chemicals subject to Release Reporting (Community Right to Know) (40 CFR 372).

III - Physical Data

BOILING POINT (°F): 86

VAPOR PRESSURE (mm Hg): 30-40 @ 70°F

VAPOR DENSITY (AIR = 1): N/D

SOLUBILITY IN WATER: Negligible

APPEARANCE AND ODOR: Opaque liquid aerosol; characteristic odor.

SPECIFIC GRAVITY (WATER = 1): 1.04

VOC CONTENT (% by weight): <50

EVAPORATION RATE (ETHER = 1): N/D

pH: N/A

IV - Fire and Explosion Hazard Data

FLASH POINT (°F): -156 (estimated)

(TEST METHOD):

FLAME EXTENSION: N/D

FLAMMABLE LIMITS IN AIR (VOLUME %) UPPER: N/D

LOWER: N/D

EXTINGUISHING MEDIA: Foam, carbon dioxide, dry chemical.

NFPA 30B Rating: 1

SPECIAL FIRE FIGHTING PROCEDURES: In the event of fire and/or explosion do not breathe fumes. Wear full protective clothing, including helmet, self-contained positive pressure or pressure demand breathing apparatus, protective clothing and face mask. Containers should be cooled with water to prevent vapor pressure build up. For massive fire, use unmanned hose holders or monitor nozzles; if this is impossible, withdraw from area and let fire burn.

UNUSUAL FIRE AND EXPLOSION HAZARD: Vapor or gas may spread to distant ignition sources and flash back.

V - Reactivity Data

STABILITY: Stable

INCOMPATIBILITY: Strong oxidizers.

CONDITIONS TO AVOID: Heat, flames and sparks.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition may produce oxides of carbon.

HAZARDOUS POLYMERIZATION: Will not occur.

VI - Health Hazard Data

ROUTES OF ENTRY **INHALATION:** X **EYE CONTACT:** X **SKIN CONTACT:** X **INGESTION:**
INGREDIENTS THAT ARE CONSIDERED BY OSHA, NTP, IARC TO BE SUSPECTED HUMAN CARCINOGENS:

Methylene Chloride

EFFECTS OF OVEREXPOSURE

IF IN EYES: Causes eye irritation.

IF ON SKIN: Irritating to skin. Prolonged or repeated contact can result in defatting and drying of the skin which may result in skin irritation and dermatitis (rash).

IF SWALLOWED: Exposure by ingestion of an aerosol is unlikely. Harmful if swallowed. May cause delayed lung damage

IF INHALED: Intentional misuse by concentrating and inhaling the product can be harmful or fatal. Irritating to the respiratory system. Prolonged inhalation may be harmful.

EMERGENCY AND FIRST AID PROCEDURES

IF IN EYES: Flush eyes and under eyelids with plenty of cool water for at least 15 minutes. If irritation persists, obtain medical attention.

IF ON SKIN: Flush skin with water while removing contaminated clothing. Launder clothing separately before reuse. Wash skin with soap and water. If irritation persists, obtain medical attention.

IF SWALLOWED: Contact physician or poison control center immediately. Do not induce vomiting unless instructed by a physician or poison control center. Never give anything to an unconscious person.

IF INHALED: Remove person to fresh air. If breathing has stopped, administer artificial respiration. Obtain medical attention.

VII - Spill or Leak Protection

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area. Remove all sources of ignition. Contain spill. Soak up material with inert absorbent material and place in a labeled closed container for disposal.

WASTE DISPOSAL METHOD: Consult local environmental authorities. Dispose of cans in non-incinerated trash only.

VIII - Special Protection Information

RESPIRATORY PROTECTION: Use with adequate ventilation. Do not breathe vapors or mists. If recommended Exposure Limits are exceeded, wear a NIOSH approved respirator, following manufacturer's recommendations.

VENTILATION

LOCAL: Recommended

MECHANICAL: Not required

PROTECTIVE GLOVES: Chemical resistant.

EYE PROTECTION: Safety glasses or chemical goggles.

OTHER PROTECTIVE EQUIPMENT: Protective clothing.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store in a cool, dry place away from heat, sparks or open flame. Wash hands before eating or smoking. Do not store at temperatures above 120 F.

OTHER PRECAUTIONS: Keep out of reach of children. Do not puncture or incinerate container.

IX - Transportation Information (ground transportation only)

DOT ID #: None

DOT PROPER SHIPPING NAME: Consumer Commodity.

DOT CLASS: ORM-D

DOT PACKING GROUP: None

The shipping information listed above applies only to non-bulk (< 119 gallons) containers of this product. This product may have more than one proper shipping name depending on packaging, product properties, & mode of shipment. If any alteration of packaging, product, or mode of transportation is further intended, different shipping names and labeling may apply.

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