

MATERIAL SAFETY DATA SHEET



I PRODUCT IDENTIFICATION

MANUFACTURER'S NAME AND ADDRESS: PROSOCO, Inc.
3741 Greenway Circle
Lawrence, KS 66046

EMERGENCY TELEPHONE NUMBERS:
8:00 AM – 5:00 PM CST Monday-Friday: 785-865-4200
NON-BUSINESS HOURS (INFOTRAC): 800/535-5053

PRODUCT TRADE NAME: Defacer Eraser[®] Graffiti Wipe

II HAZARDOUS INGREDIENTS

CHEMICAL NAME	(COMMON NAME)	CAS NO.	NFPA CODE	ACGIH TLV/TWA	OSHA PEL/TWA
Alkyl Phenol Ethoxylates	Nonionic surfactants	Mixture	3,1,0,-	Not established	Not established
Terpene Hydrocarbons *	(-)	*	1,2,0,-	Not established	Not established
N-methylpyrrolidone	NMP	0872-50-4	2,2,0,-	Not established	Not established

*Specific chemical identity withheld as trade secret pursuant to OSHA regulations.

III PHYSICAL DATA

	BOILING POINT (°F)	VAPOR PRESSURE (mm Hg)	VAPOR DENSITY	EVAPORATION RATE (Butyl Acetate = 1)
Alkyl Phenol Ethoxylates	>392°F	<.01	>1.0	<.01
Terpene Hydrocarbons	352°F	1.0	4.7	Not established
N-methylpyrrolidone	202°F	.29 (20°C)	3.40	<.1

	SPECIFIC GRAVITY	SOLIBILITY IN WATER	APPEARANCE AND ODOR
Defacer Eraser [®] Graffiti Wipe	.910	Partially soluble	Clear liquid with citrus odor

IV FIRE AND EXPLOSION HAZARD DATA

EMERGENCY OVERVIEW

Defacer Eraser[®] Graffiti Wipe is a clear liquid with a citrus odor. Eliminate potential sources of ignition. It is a combustible product. Product may cause eye or skin irritation upon exposure.

FLASH POINT (METHOD): 130°F (ASTM D 3278)

FLAMMABLE LIMITS: Not available.

EXTINGUISHING MEDIA: Use alcohol, foam, dry chemical or CO₂.

SPECIAL FIRE FIGHTING PROCEDURES: Do not enter confined fire space without proper protective equipment including a NIOSH/MSHA approved self-contained breathing apparatus. Cool fire-exposed containers, surrounding equipment, and structures with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by heat, pilot lights or other ignition sources.

V HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: Skin, eyes, inhalation, ingestion.

CARCINOGEN INFORMATION: Not listed (OSHA, IARC, NTP, ACGIH).

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: No applicable information found.

EFFECTS OF OVER EXPOSURE: Contact with this product can result in irritation. Skin contact should be avoided. Prolonged skin contact may result in redness and dermatitis.

EYE CONTACT: Direct liquid contact may cause irritation, discomfort, tearing, and blurring of vision.

SKIN CONTACT: Contact may cause irritation. Prolonged or repeated contact can cause more severe irritation or dermatitis. Material can be absorbed through the skin and contribute to effects of inhalation.

INHALATION: Exposure to high concentrations or prolonged exposure to lower concentrations may be slightly irritating to mucous membranes, cause dizziness, weakness, fatigue, nausea or headaches.

INGESTION: Ingestion may cause dizziness, headaches, or nausea.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: If in eyes, flush with large amounts of water for 15 minutes, lifting upper and lower lids occasionally. If irritation develops, get medical attention.

SKIN CONTACT: Wash with soap and water. Remove contaminated clothing and do not reuse until laundered. If persistent irritation occurs, get medical attention.

INHALATION: Remove to fresh air. Give artificial respiration if not breathing.

INGESTION: If conscious, give water and seek immediate medical attention. Never give fluids if the victim is unconscious or having convulsions. If vomiting occurs, keep head below hips to avoid aspiration into lungs.

VI REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: Normally stable, see warnings below.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong mineral acids, strong oxidizing agents.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Normal products of combustion, including CO, CO₂, and NO_x.

VII SPILL OR LEAK PROCEDURES

SPILL, LEAK, WASTE DISPOSAL PROCEDURES: Dike and contain spills to keep from soils and sewers. Remove with explosion-proof equipment. Collect material and place in drums for disposal. Flush area with water to remove trace residue; collect flush solutions for disposal. Avoid acid contamination. Dispose of in accordance with local, state and federal regulations. .

WASTE DISPOSAL METHODS: Product as supplied is classified as a hazardous waste by USEPA regulations for the characteristic of ignitability. Wastes generated during use may be classified differently depending on the flashpoint or added contaminants. Always observe local, state and federal regulations regarding disposal of this product or its residues.

Empty containers must not be reused. Federal regulation allows disposal in a sanitary landfill if containers are drained so that no more than 3% residual material remains. State or local regulations may vary - always check with the appropriate regulatory agency.

VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: Where vapors or mists are generated, raw material manufacturers recommend use of a half-mask chemical cartridge respirator with organic vapor cartridges. Engineering or administrative controls should be implemented to reduce exposure.

VENTILATION: Provide sufficient general and/or local exhaust ventilation to minimize exposure to vapors and prevent flammable vapor accumulation. Use explosion-proof equipment.

PROTECTIVE CLOTHING: As required to prevent skin contact, including nitrile rubber gloves, coveralls, apron, and boots. Selection of clothing is dependent on application methods and job-site conditions.

PROTECTIVE GLOVES: Wear chemically resistant gloves constructed of nitrile rubber to prevent skin contact as needed.

EYE PROTECTION: Chemical splash goggles should be worn during application and transfer of this product. A face shield should also be worn if the product is being applied under pressure and wind drift is a concern.

OTHER PROTECTIVE EQUIPMENT: Eye wash should be accessible to the work area. Provide clean water for body rinsing.

IX SPECIAL PRECAUTIONS

WORK PRACTICES: Proper work practices and planning should be utilized to avoid contact with workers, passersby, and non-masonry surfaces. Beware of wind drift. See the Product Data sheet and label for specific precautions to be taken during use. Use care when applying to hot surfaces as the flash point may be exceeded. Smoking, eating and drinking should be prohibited during the use of this product. Wash hands before breaks and at the end of a shift.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Store away from incompatible materials in a cool, dry place with adequate ventilation. Keep away from heat and open flames. Keep containers tightly sealed.

OTHER PRECAUTIONS: Avoid acid contamination. No smoking or eating in handling area.

X REGULATORY INFORMATION

SHIPPING: This product carries the proper shipping description "Non-Hazardous/Non-Regulated (under 119 gallons per container)" when shipped domestic ground. It is reclassified as a flammable liquid when shipped by air or international transport. Consult with PROSOCO's Regulatory Department for additional information.

NATIONAL MOTOR FREIGHT CLASSIFICATION: NMFC# 149980 Sub 2 Class Rate: 55

SARA 313 REPORTABLE:

CHEMICAL NAME	CAS	UPPERBOUND CONCENTRATION % BY WEIGHT
N-methylpyrrolidone (NMP)	0872-50-4	20%

CALIFORNIA PROPOSITION 65:

This product contains no materials listed under California's Proposition 65.

XI OTHER

MSDS Status: **Date of Revision:** August 31, 2004
For Product Manufactured After: N/A – no formulation change
Changes: Updated every section as part of a scheduled technical review.
Item #: 57056
Approved By: Regulatory Department

DISCLAIMER:

The information contained on the Material Safety Data Sheet has been compiled from data considered accurate. This data is believed to be reliable, but it must be pointed out that values for certain properties are known to vary from source to source. **PROSOCO, Inc. expressly disclaims any warranty express or implied as well as any liability for any injury or loss arising from the use of this information or the materials described.** This data is not to be construed as absolutely complete since additional data may be desirable when particular conditions or circumstances exist. It is the responsibility of the user to determine the best precautions necessary for the safe handling and use of this product for his unique application. This data relates only to the specific material designated and is not to be used in combination with any other material. Many federal and state regulations pertain directly or indirectly to the product's end use and disposal of containers and unused material. It is the purchaser's responsibility to familiarize himself with all applicable regulations.

DATE OF PREPARATION: August 31, 2004