

MATERIAL SAFETY DATA SHEET



PROSOCO, Inc.

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: Enviro Klean[®] Mortar & Grout Remover

II HAZARDOUS INGREDIENTS

CHEMICAL NAME	(COMMON NAME)	CAS NO.	NFPA CODE	ACGIH TLV/TWA	OSHA PEL/TWA
Organic Acids*		--	1,1,0,	Not listed	Not listed

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

III PHYSICAL DATA

	BOILING POINT (°F)	VAPOR PRESSURE (mm Hg)	VAPOR DENSITY (Air = 1)	EVAPORATION RATE (Butyl Acetate = 1)
Organic Acids	N/A	N/A	N/A	N/A

	SPECIFIC GRAVITY	pH	SOLUBILITY IN WATER	APPEARANCE AND ODOR
Enviro Klean [®] Mortar & Grout Remover	1.638 (Approximately)	at 1 lb./gal. - 1.6	Complete	Peach powder, mild odor

IV FIRE AND EXPLOSION HAZARD DATA

EMERGENCY OVERVIEW

Enviro Klean[®] Mortar & Grout Remover is a blend of powdered, mild organic acids. Product dust and aqueous solutions may irritate skin, eyes, and mucous membranes. Avoid contact with strong alkalis and reactive metals such as aluminum and magnesium.

FLASH POINT (METHOD): Not applicable.

FLAMMABLE LIMITS: No applicable information found.

EXTINGUISHING MEDIA: Water Fog or Carbon Dioxide or Dry Chemical.

SPECIAL FIRE FIGHTING PROCEDURES: As with all fires, wear NIOSH/MSHA approved self-contained breathing apparatus with a full face piece operated in the positive pressure demand mode, and appropriate turn-out gear and chemical resistant personal protective equipment. Water spray may be used to cool closed containers.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Fine dust dispersions in air could explode. Product can react with chemically reactive metals such as aluminum, zinc, magnesium, copper, etc. to release hydrogen gas, which can form explosive mixtures with air. Extinguish all nearby sources of ignition.

V HEALTH HAZARD DATA

PRIMARY ROUTES OF EXPOSURE: Skin, eyes, inhalation.

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

MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE: Pre-existing lung disorders, such as asthma-like conditions, and certain pre-existing skin conditions, may all be aggravated by exposure to this product.

EFFECTS OF OVER EXPOSURE: Powder, dust and aqueous solutions can irritate the eyes. Prolonged contact with powder or dust may cause irritation to the skin. Ingestion may cause gastrointestinal irritation. Inhalation of powder or dust may irritate nasal and respiratory passages.

EYE CONTACT: Powder, dust and aqueous solutions can irritate eyes.

SKIN CONTACT: Prolonged contact with powder, dust, or aqueous solution may cause irritation to the skin.

INHALATION: Powder, dust or inhaled mists may irritate nasal and respiratory passages.

INGESTION: May cause gastrointestinal irritation.

EMERGENCY AND FIRST AID PROCEDURES:

EYE CONTACT: Rinse eyes with large quantities of water for at least 15 minutes, holding eyelids apart to ensure flushing of the entire eye surface. Get medical attention immediately.

SKIN CONTACT: Remove contaminated clothing and flush exposed area with large quantities of water to remove residues. Launder contaminated clothing before reuse. Get medical attention if irritation persists.

INHALATION: Remove person to fresh air. If symptoms persist, get medical attention immediately.

INGESTION: If swallowed, seek medical attention. If individual is drowsy or unconscious, do not give anything by mouth; place individual on the left side with the head down. If individual is conscious and alert, induce vomiting by giving syrup of Ipecac or by gently placing two fingers at the back of the throat. If possible, do not the individual unattended.

VI REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: Contact with strong bases (alkali) can cause a violent reaction, generating large amounts of heat.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong alkalis and reactive metals.

HAZARDOUS COMBUSTION OR DECOMPOSITION PRODUCTS: Hydrogen gas is produced when product comes into contact with reactive metals such as aluminum. Use caution when applying in poorly ventilated spaces.

VII SPILL OR LEAK PROCEDURES

SPILL, LEAK, WASTE DISPOSAL PROCEDURES: Evacuate immediate area when concentrated dust is present. Cleanup personnel must wear proper protective equipment. Sweep up and dispose of in DOT approved waste containers. Provide adequate ventilation. Extinguish all ignition sources.

WASTE DISPOSAL METHODS: Neutralized residues may be discharged to a sanitary sewer with approval of the receiving facility. Recovered solids or liquids may be sent to a licenses reclaimer or disposed of in a permitted waste management facility. Consult federal, state, and/or local authorities for approved procedure. Wipe or rinse powder residues from empty container before disposal in a sanitary landfill.

VIII SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION: If needed, use a NIOSH/MSHA approved dust/mist respirator to prevent inhalation of dust and unnecessary exposure to mists during application. Follow all applicable respirator use, standards, or regulations.

VENTILATION: Provide sufficient general and/or local exhaust ventilation to maintain exposure at lowest possible level.

PROTECTIVE CLOTHING: Normal work clothing, covering arms and legs. If application methods result in saturation of clothing and prolonged skin contact, adjust methods of wear splash resistant clothing.

PROTECTIVE GLOVES: Rubber type, neoprene or PVC with acceptable acid resistance to prevent prolonged skin contact.

EYE PROTECTION: Chemical splash goggles and/or full face shield (eight inch minimum) in compliance with OSHA regulations. Depending on size of the project and application methods, use of safety glasses with side shields may be sufficient. Use is at the discretion of the employer and should be compliant with OSHA General Duty rules. Do not wear contact lenses because they may contribute to the severity of an eye injury.

OTHER PROTECTIVE EQUIPMENT: Acid-resistant rubber boots and headgear as needed to prevent prolonged skin contact. Eyewash and body rinse equipment should be available.

IX SPECIAL PRECAUTIONS

WORK PRACTICES: Proper work practices and planning should be utilized to avoid contact with workers, passersby, and non-masonry surfaces. Rinse over-spray off of non-masonry surfaces, immediately. Do not atomize during application. Beware of wind drift. Always follow published dilution rates. See the Product Data sheet and label for specific precautions to be taken during use. Use care when mixing to avoid excess dust generation. 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: Use proper safety equipment (see Section VIII) when handling. Store in a cool, well-ventilated area. Separate from strong alkalis. Mixing and application equipment should be acid resistant.

Containers of this material may be hazardous when emptied, since emptied containers retain product residues (vapor, liquid, and/or solid). All hazard precautions given in the Data sheet must be observed.

OTHER PRECAUTIONS: Do not get in eyes, on skin or on clothing. Avoid breathing dust. Provide ventilation sufficient to limit employee exposure to lowest possible level. Do not take internally. Wash thoroughly after handling.

X REGULATORY INFORMATION

SHIPPING: This product is not regulated in domestic or international shipping.

NATIONAL MOTOR FREIGHT CLASSIFICATION: NMFC #: 45851 Class Rate: 55

SARA 313 REPORTABLE:

CHEMICAL NAME	CAS	UPPERBOUND CONCENTRATION % BY WEIGHT
NA		

CALIFORNIA PROPOSITION 65: Contains no chemicals listed under California's Proposition 65.

XI OTHER

MSDS Status: **Date of Revision:** March 21, 2001
For Product Manufactured After: NA- no formulation change.
Changes: **Modified sections III, IV, V, VI and XI as a result of technical review.**
Item #: 41037
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: **March 21, 2001**