

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: Enviro Klean® SafStrip®

II HAZARDOUS INGREDIENTS

CHEMICAL NAME	(COMMON NAME)	CAS NO.	NFPA CODE	ACGIH TLV/TWA	OHSA PEL/TWA
Dibasic Esters	(-)	Mixture	1,1,0,-	Not established	Not established
Propylene Carbonate	(-)	203-572-1	1,1,0,-	Not established	Not established
Hydroxy Acetic Acid	(-)	79-14-1	3,0,0,-	Not established	Not established
Benzyl Alcohol	(-)	100-51-6	2,1,0,-	Not established	Not established
Ethyl 3-ethoxypropionate	(-)	763-69-9	1,2,0,-	Not established	Not established
Alcohols, C9-11, ethoxylated	(-)	*	1,2,0,-	Not established	Not established

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

‡ Manufacturer's recommended exposure limit.

III PHYSICAL DATA

	BOILING POINT (°F)	VAPOR PRESSURE (mm Hg)	VAPOR DENSITY (Air = 1)	EVAPORATION RATE (Butyl Acetate = 1)
Dibasic esters	410-437°F	0.02-0.04(20°C)	Not established	<.1
Propylene Carbonate	467.6°F	0.03 (20°C)	Not established	<0.005
Hydroxy Acetic Acid	234°F	17.5 (20°C)	Vapor is water	NE
Benzyl Alcohol	401°F	<0.1 (20°C)	3.7	<0.01
Ethyl 3-ethoxypropionate	329°F	1.5 (25°C)	5.0	0.12
Alcohols, C9-11, ethoxylated	>450°F	<0.10(100°F)	Not established	Not established
		SPECIFIC GRAVITY	SOLIBILITY IN WATER	APPEARANCE AND ODOR
Enviro Klean® SafStrip®		1.05	Partially miscible	Hazy white gel with a characteristic odor

IV FIRE AND EXPLOSION HAZARD DATA

EMERGENCY OVERVIEW

Enviro Klean® SafStrip® is a hazy white gel with a characteristic odor. This product is mildly acidic. May cause burns to skin or eyes upon exposure.

FLASH POINT (METHOD): >200 °F (ASTM D 3278)

FLAMMABLE LIMITS: Not available.

EXTINGUISHING MEDIA: Use 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: Preexisting skin and eye disorders may be aggravated.

EFFECTS OF OVER EXPOSURE: Contact with this product can result in irritation and potential corrosive burns. Skin and eye contact should be avoided. Can cause central nervous system depression.

EYE CONTACT: Direct liquid contact may cause irritation, discomfort, tearing, and blurring of vision. May cause eye corrosion with corneal or conjunctival ulceration

SKIN CONTACT: Prolonged and repeated contact with skin will cause severe irritation, resulting in reddening, drying, and cracking of affected areas. May cause burns. Prolonged or repeated contact can cause dermatitis.

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, nausea, and corrosion of mucous membranes with stomach discomfort.

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. Seek 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: DO NOT induce vomiting, if conscious, give water. Never give fluids or induce vomiting if the victim is unconscious or having convulsions. Get medical attention.

VI REACTIVITY DATA

STABILITY: Stable.

CONDITIONS TO AVOID: Normally stable, see warnings below.

INCOMPATIBILITY (MATERIALS TO AVOID): Strong mineral acids, strong oxidizing agents, isocyanates, acetaldehyde, LiAlH₄, aluminum alkyl compounds

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 sewers and surface water. Collect 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. As of this writing, the product is not classified as a hazardous waste, however, federal regulation prohibits disposal of liquid materials of any kind in a sanitary landfill.

WASTE DISPOSAL METHODS: Unused product is not classified as hazardous waste. Always observe local, state and federal regulations regarding disposal of this product or its residues. Certain contaminants from paint removal operations may render the material a hazardous waste requiring disposal through a licensed TSD.

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 mists are present, wear a NIOSH approved dust/mist respirator. 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 combustible vapor accumulation.

PROTECTIVE CLOTHING: As required to prevent skin contact, including nitrile rubber gloves, coveralls, apron, and boots. Level of protection depends on application procedures.

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 and safety shower should be available to workers.

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. 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 is classified as hazardous for shipment by all modes of transport. The Proper Shipping Description is **UN3066, Paint Related Material, 8, III**. Case quantities of 1-gallon, 1-quart and 1-pint containers are classified as ORM-D Consumer Commodity for domestic ground shipment only. Shipment by air may be restricted or require special packaging.

SARA 313 REPORTABLE:

CHEMICAL NAME

CAS

UPPERBOUND CONCENTRATION % BY WEIGHT

CALIFORNIA PROPOSITION 65:

WARNING: This product contains trace quantities of chemicals known to the State of California to cause cancer or birth defects and other reproductive harm

XI OTHER

MSDS Status: **Date of Revision:** April 18, 2007
For Product Manufactured After: N/A – No product reformulation
Changes: Updated Shipping Description (Section X) for DOT Regulation Compliance
Item #: 41015
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 16, 2007