

MATERIAL SAFETY DATA SHEET

PRODUCT NAME: ENVIROSET 5-MIN EPOXY HARDENER

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PRODUCT CLASS: CLEAR EPOXY HARDENER  
 PRODUCT NUMBER: 35008, 35032, 35128

D.O.T. SHIPPING INFORMATION:  
 PROPER SHIPPING NAME:  
 CONSUMER COMMODITY  
 PROPER HAZARD CLASS: ORM-D

**SECTION I**

ENVIRONMENTAL TECHNOLOGY, INC  
 P O BOX 365  
 FIELDS LANDING CA 95537  
 PHONE NUMBER FOR INFORMATION: (707) 443-9323

TRANSPORTATION EMERGENCY PHONE NUMBER:  
**CHEMTREC** (800) 424-9300

DATE PREPARED: 10/15/06

PREPARED BY: TECHNICAL DEPARTMENT

**SECTION II Hazardous Ingredients/Identity Information**

HAZARDOUS COMPONENTS	CAS REG.NO.	APPROX WT.%	ACGIH TWA/TLV	OSHA PEL	VAPOR PRESSURE mm Hg
ALKYLAMINE	T/S	T/S	N/E	N/E	< 1
POLYMERCAPTAN	T/S	T/S	N/E	N/E	N/A

Although no exposure standards have been established for this product, air contaminant concentrations must be maintained at lowest possible levels. T/S = TRADE SECRET N/A = NOT AVAILABLE N/E = NOT ESTABLISHED

**SECTION III - Physical/Chemical Characteristics**

BOILING RANGE	>100°C	PERCENT VOLATILE BY VOLUME		T/S
MELTING OR FREEZING POINT	N/A	PERCENT VOLATILE BY WEIGHT		T/S
VAPOR DENSITY(AIR=1)	> 1	EVAPORATION RATE(SLOWER THAN ETHER)	LBS./GAL	9.5
SOLUBILITY IN WATER: NOT SOLUBLE			VOC LBS/GAL	N/A
APPEARANCE AND ODOR: CLEAR, VERY VISCOUS LIQUID WITH SOME ODOR			VOC GRAMS/LITER	N/A

**SECTION IV - FIRE AND EXPLOSION HAZARD DATA**

FLASH POINT(METHOD USED): >200°F PMCC FLAMMABLE LIMITS: LEL: N/A UEL: N/A

EXTINGUISHING MEDIA:  FOAM  ALCOHOL FOAM  CO<sub>2</sub>  DRY CHEMICAL  WATER SPRAY  OTHER

SPECIAL FIRE FIGHTING PROCEDURES:

WEAR NIOSH APPROVED SELF-CONTAINED-BREATHING-APPARATUS WITH INDEPENDENT AIR SUPPLY, AND BUTYL RUBBER CLOTHING. COOL CONTAINERS WITH WATER SPRAY.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

MAY GENERATE TOXIC, IRRITATING, OR FLAMMABLE COMBUSTION PRODUCTS.

**SECTION V - REACTIVITY DATA**

STABILITY  UNSTABLE  STABLE / CONDITIONS TO AVOID: CONTAMINATION WITH LARGE MASSES OF EPOXY RESIN GENERATES LARGE QUANTITIES OF HEAT.

INCOMPATIBILITY(MATERIALS TO AVOID): AVOID CONTACT WITH STRONG OXIDANTS AND EPOXY/AMINE MIXTURES.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: COMBUSTION PRODUCTS INCLUDE TOXIC OXIDES OF NITROGEN AND CARBON.

HAZARDOUS POLYMERIZATION  MAY OCCUR  MAY NOT OCCUR. CONDITIONS TO AVOID:

**SECTION VI - HEALTH HAZARD DATA**

ROUTE(S) OF ENTRY: INHALATION? YES SKIN? YES INGESTION? YES

HEALTH HAZARDS(ACUTE AND CHRONIC): ACUTE EXPOSURE CAUSES SEVERE SKIN BURNS AND EYE DAMAGE, INCLUDING BLINDNESS. CHRONIC EXPOSURE DAMAGES NERVOUS SYSTEM. INGESTION MAY CAUSE GASTROINTESTINAL BLEEDING.

CARCINOGENICITY: NTP? NO IARC MONOGRAPHS? NO OSHA REGULATED? NO

SIGNS AND SYMPTOMS OF EXPOSURE: LOW CONCENTRATIONS OF VAPOR MAY CAUSE TEARING AND TRANSIENT HALO EFFECT AROUND BRIGHT LIGHTS, SKIN IRRITATION MAY DEVELOP AND EYE PROBLEMS SUCH AS CONJUNCTIVITIS ARE POSSIBLE. CAUSES SKIN BURNS.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: EYE DISEASE, SKIN DISORDERS, ALLERGIES AND RESPIRATORY DISEASE MAY BE WORSENER BY EXPOSURE.

EMERGENCY AND FIRST AID PROCEDURES: REMOVE TO FRESH AIR. WASH EYES FOR 15 MINUTES IN WATER STREAM. WASH SKIN WITH SOAP AND WARM WATER. CALL A PHYSICIAN.

**SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: REMOVE SOURCES OF IGNITION AND VENTILATE AREA. DIKE AND CONTAIN SPILL AFTER STOPPING LEAK. REDUCE VAPOR SPREAD WITH WATER SPRAY, COLLECTING WATER RUN-OFF FOR DISPOSAL. SPREAD ABSORBENT MATERIAL. TRANSFER TO HAZARDOUS WASTE CONTAINERS.

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE & FEDERAL REGULATIONS. PUT IN APPROVED LANDFILL OR DILUTE WITH SOLVENT AND INCINERATE, USING EFFLUENT GAS SCRUBBER.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: USE SPLASH-PROOF GOGGLES, OR FULL FACE SHIELD IN EMERGENCY. HANDLE WITH BUTYL RUBBER GLOVES AND PROTECTIVE CLOTHING AND RUBBER APRON. USE SELF-CONTAINED-BREATING-APPARATUS IN EMERGENCY.

OTHER PRECAUTIONS: PROVIDE READY ACCESS TO EYEWASH STATIONS. CHANGE WORK CLOTHING DAILY UPON LEAVING WORK PLACE. WASH CONTAMINATED SKIN IMMEDIATELY. AVOID CONTACT.

**SECTION VIII - CONTROL MEASURES**

RESPIRATORY PROTECTION (SPECIFY TYPE): NOT REQUIRED NORMALLY; SELF-CONTAINED-BREATING-APPARATUS WITH PRESSURE DEMAND MODE IN EMERGENCY.

VENTILATION: LOCAL EXHAUST: TO KEEP FUMES AT A MINIMUM AS REQUIRED /SPECIAL: N/A  
MECHANICAL (GENERAL): /OTHER: N/A

PROTECTIVE GLOVES: BUTYL RUBBER WITH CUFFS EYE PROTECTION: SPLASH GOGGLES, FULL FACE SHIELD IN EMERGENCY

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: SURROUND CONTAINERS WITH DIKES. REMOVE SEVERELY CONTAMINATED SHOES IMMEDIATELY.

WORK/HYGIENIC PRACTICES: WASH AT END OF WORK SHIFT, BEFORE EATING, SMOKING OR USING RESTROOM. DO NOT RE-USE CONTAMINATED CLOTHING.

All information, recommendations, and suggestions appearing herein concerning our product are based upon tests and data believed to be reliable. However, it is the user's responsibility to determine the safety, toxicity, and suitability for his or her own use of the product described herein. Since the actual use by others is beyond Environmental Technology, Inc.'s control, no guarantee, expressed or implied, is made by Environmental Technology, Inc. as to the effects of such use, the results to be obtained, or the safety and toxicity of the product.