

M A T E R I A L S A F E T Y D A T A S H E E T

EPOXY,HI-TECH CATALYST,PART B

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DATE PRINTED : 04/16/2002

NAME OF PREPARER : Safety Director

=====**SECTION 1 - PRODUCT IDENTIFICATION**=====

PRODUCT NAME: EPOXY,HI-TECH CATALYST,PART B
PRODUCT CODE: TK-9199

HMIS CODES: H F R P
2 0 0 B

=====**SECTION 2 - COMPOSITION/INGREDIENT INFORMATION**=====

COMPONENT	CAS NUMBER	WEIGHT PERCENT	EXPOSURE LIMITS		
			OSHA PEL	ACGIH TLV	OTHER
BISPHENOL A - EPICHLOROHYDRIN COPOLYMER	25068-38-6	79.5			NOT ESTABLISHED
ALKYL GLYCIDYL ETHER	120547-52-6	Range Not Found			NOT ESTABLISHED

=====**SECTION 3 - HEALTH HAZARDS IDENTIFICATION**=====

PRIMARY ROUTES OF EXPOSURE: Skin contact.

EFFECTS OF ACUTE EXPOSURE:

EYES: Direct contact with eyes may cause irritation.
SKIN: Prolonged or repeated contact may cause irritation.
INHALATION: Inhalation of vapor or mist can cause irritation of nose, throat and lungs and lead to headaches and nausea.

INGESTION: Not an anticipated route of exposure. Small amounts are not expected to be harmful.

CHRONIC HEALTH EFFECTS:

No anticipated chronic effects.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

No known effects on other illnesses.

=====**SECTION 4 - FIRST AID MEASURES**=====

EYES: Flush with large amounts of water for 15 minutes, lifting upper and lower eyelids. If irritation persists seek medical attention.

SKIN CONTACT: Wash contaminated area with soap and water. Remove and launder contaminated clothing.

INGESTION: If a large amount is ingested, give water or milk and induce vomiting. Seek medical attention.

INHALATION: Remove victim to fresh air and provide oxygen if breathing is difficult. If breathing has stopped administer artificial respiration. Seek medical attention if condition persists.

with poor ventilation, engineering controls should be used to minimize exposure. Use NIOSH/MSHA approved respirator if conditions warrant.

VENTILATION:

General room ventilation is adequate.

PROTECTIVE GLOVES:

Prevent prolonged or repeated contact by wearing chemical resistant gloves and other appropriate protective clothing. Launder contaminated clothing before reuse.

EYE PROTECTION:

Wear safety glasses to reduce eye contact potential. Chemical safety goggles (ANSI Z87.1 or approved equivalent) are appropriate if splashing is likely. Eye washes must be available where eye contact can occur.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

A source of clean water should be available for flushing eyes and skin. Showers should be available if larger spills are possible.

WORK/HYGIENIC PRACTICES:

Efforts should be made to minimize contact and spills. Always wash hands before eating, drinking, or smoking. Clean up spills promptly. Follow OSHA and company guidelines.

===== SECTION 9 - PHYSICAL/CHEMICAL PROPERTIES =====

PHYSICAL STATE: Liquid	COLOR: Various colors
ODOR: Odorless.	SOLUBILITY IN WATER: Insoluble/Negligible
SPECIFIC GRAVITY (H2O=1): 1.09	VAPOR DENSITY: Heavier than air.
BOILING RANGE:	EVAPORATION RATE: Slower than nBuAc
% VOLATILE: .32%	COATING V.O.C.: 3 g/l (.03 lb/gl)

===== SECTION 10 - STABILITY/REACTIVITY DATA =====

STABILITY: Stable.
CONDITIONS TO AVOID:
None known

INCOMPATIBILITY (MATERIALS TO AVOID):

Avoid exposure to strong oxidizing agents and reducing agents.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS:

Combustion may liberate toxic byproducts such as carbon dioxide, and carbon monoxide, various oxides of carbon and nitrogen. Thermal decomposition may liberate acrylic monomers and ammonia.

HAZARDOUS POLYMERIZATION: Will not occur.

===== SECTION 11 - TOXICOLOGICAL INFORMATION =====

SENSITIZATION: Product is a skin sensitizer; sensitization can be severe in susceptible individuals.

CARCINOGENICITY: There is no data available to indicate any components present at greater than 0.1% may present a carcinogenic hazard.

REPRODUCTIVE TOXICITY: There is no data available to indicate any components present at greater than 0.1% may present reproductive toxicity.

TERATOGENICITY (BIRTH DEFECTS): There is no data available to indicate any components present at greater than 0.1% may cause birth defects.

MUTAGENICITY: There is no data to indicate that any component present at greater than 0.1% will alter DNA.

=====**SECTION 12 - ECOLOGICAL INFORMATION**=====

ENVIRONMENTAL DATA: Although no information is available for this specific product mixture, individual components may by themselves may have ecological affects.

=====**SECTION 13 - DISPOSAL CONSIDERATIONS**=====

This product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261, however, state and local regulations may be more restrictive. Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state, and federal regulations.

=====**SECTION 14 - TRANSPORTATION INFORMATION**=====

SHIPPING NAME: Not regulated.
PACKING GROUP: n/a

=====**SECTION 15 - REGULATORY INFORMATION**=====

ALL INGREDIENTS OF THIS PRODUCT ARE LISTED OR ARE EXCLUDED FROM LISTING ON THE US TOXIC SUBSTANCES CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY.

This product does not contain a chemical subject to the reporting requirements of SARA Title III, Section 313 (40CFR 372) above de minimis concentrations.

STATE SPECIFIC REQUIREMENTS:

This product contains a chemical(s) known to the state of California to cause cancer, birth defects or reproductive harm, which are subject to the requirements of California Proposition 65.

Epiclorohydrin (trace amounts), Phenylglycidyl ether (trace amounts)

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STATE LISTED COMPONENTS	CAS NUMBER	STATE CODE	.
Epiclorohydrin	106-89-8	RI, ME, PA, MA, CA	

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