

## MATERIAL SAFETY DATA SHEET

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Appleton, WI 54911                      ISSUE DATE-

### SECTION I: PRODUCT IDENTIFICATION

PRODUCT NAME- EPOXY BOOSTER

PRODUCT #-

PRODUCT CLASS- Amine

HMIS CODE HEALTH-3, FIRE-1, REACTIVITY-0

HAZARD RATING: 0=LEAST, 1=SLIGHT, 2=MODERATE, 3=HIGH, 4=EXTREME

SECTION II: HAZARDOUS INGREDIENTS	%	PEL	TLV
Tris-2,4,6-(dimethylaminomethyl) phenol	>97	N/E	N/E
CAS # 90-72-2			

N/E= not established

### SECTION III: PHYSICAL DATA

BOILING RANGE: > 212 F (>100 C)

EVAPORATION RATE VS BUTYL ACETATE: not available

VAPOR DENSITY VS AIR: no data

SOLUBILITY IN WATER: not available

APPEARANCE AND ODOR: Mobile liquid, straw yellow, irritating odor

WEIGHT PER GALLON: 8.1 lbs/gal

### SECTION IV: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT ( F ): 300

LEL: no data

EXTINGUISHING MEDIA: water spray, dry chemical, foam or carbon dioxide

HAZARDOUS DECOMPOSITION PRODUCTS: carbon dioxide, carbon monoxide, oxides of nitrogen, ammonia

SPECIAL FIRE FIGHTING PROCEDURES: water spray to keep containers cool, and to protect persons attempting to stop leaks. Wear self contained breathing apparatus, goggles and full protective clothing. Retain expended liquids for later disposal.

UNUSUAL FIRE AND EXPLOSION HAZARDS: may generate toxic or irritating combustion products. Contact of liquid with skin must be prevented. Sudden reaction and fire may result if product is mixed with an oxidizing agent. Personnel in vicinity and downwind should be evacuated.

### SECTION V: HEALTH HAZARD DATA - EFFECTS OF OVER EXPOSURE

**HEALTH HAZARDS:** Corrosive to skin and eyes. Harmful if swallowed. Severe respiratory tract irritant.

**ROUTES OF EXPOSURE:** Eye contact, skin contact, ingestion, skin absorption.

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**SIGNS AND SYMPTOMS OF EXPOSURE:**

Product vapor in low concentration can cause lacrimation, conjunctivitis, and corneal edema when absorbed into the tissue of the eye from the atmosphere. Corneal edema may give rise to a perception of “blue haze” or “fog” around lights. The effect is transient and has no known residual effect. Burns of the eye may cause blindness. Inhalation of vapors may cause irritation in the respiratory tract. Contact of the undiluted product with the eyes or skin quickly causes severe irritation and pain and may cause burns, necrosis and permanent injury. Inhalation of aerosols and mists may severely damage contacted tissue and produce scarring. Product is absorbed through the skin and may cause malaise, discomfort, injury, and death unless treated promptly.

Repeated or prolonged exposure may cause nervous system disorders, adverse respiratory effects, adverse eye effects, and adverse skin effects.

**MEDICAL CONDITIONS AGGRAVATED BY OVEREXPOSURE:** Asthma, Chronic respiratory disease, Eye disease, Neurological disorders, Skin disorders and allergies.

**CARCINOGENS UNDER OSHA, IARC, NTP, ACGIH, OTHER:** This product contains no carcinogens in concentrations greater than 0.1%.

**EMERGENCY FIRST AID PROCEDURES**

**EYE CONTACT:** flush with water for 15 minutes and seek medical attention

**SKIN CONTACT:** remove product and flush with water for 15 minutes; seek medical attention. Remove contaminated clothing and launder prior to reuse. Destroy contaminated leather apparel.

**INGESTION:** do not induce vomiting, administer 3-4 glasses of milk or water; seek medical attention

**INHALATION:** remove to fresh air; if breathing has stopped give assisted respiration.

**SECTION VI: REACTIVITY DATA**

**STABILITY:** stable

**HAZARDOUS POLYMERIZATION:** will not occur

**CONDITIONS TO AVOIDS** excessive heat, strong acids, oxidizing agents, sodium or calcium hypochlorite, epoxy resins. Product slowly corrodes copper, aluminum, zinc, and galvanized surfaces. Reactions with peroxides may result in violent decomposition of peroxide possibly creating an explosion. Reaction with acids generates a large amount of heat which may cause boiling and splashing or spattering of hot material.

**SECTION VII: SPILL OR LEAK PROCEDURE**

**STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:** eliminate ignition sources, stop leak. Dike to prevent spreading; water spray may be used to reduce vapor

spreading. If recovery is not feasible, absorb with inert material, eg- sand, scoop up and put into disposal container. Flush area with water, prevent washdowns from entering the sewers and water ways. Clean up personnel must be equipped with self-contained breathing apparatus and butyl rubber protective clothing. Uncontrolled spills which exceed one gallon may be reportable to the National Response Center

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**WASTE DISPOSAL METHOD:** Dispose of in accordance with applicable local, state, and federal regulations.

#### SECTION VIII: SPECIAL PROTECTION INFORMATION

**RESPIRATORY:** use with adequate ventilation.

**VENTILATION:** local exhaust recommended when appropriate to control employee exposure.

**PROTECTIVE GLOVES:** should be worn- impervious (neoprene, butyl rubber, nitrile)

**EYE PROTECTION:** full face shield with goggles underneath.

**OTHER PROTECTIVE EQUIPMENT:** impervious clothing. Eyewash stations and safety showers should be available.

#### SECTION IX: SPECIAL PRECAUTIONS

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:** Keep away from acids and oxidizers. Keep in a cool, dry, ventilated area in closed containers. Avoid skin contact, remove and launder contaminated clothing.

**OTHER PRECAUTIONS:** Emergency showers and eye wash stations should be readily available.

#### TRANSPORTATION INFORMATION:

**DOT NON-BULK SHIPPING NAME:** Amines, liquid, corrosive, n.o.s. (TRIS-2,4,6-(DIMETHYLAMINOMETHYL)PHENOL) // 8 // UN2735 // PG III

**NOTE:** To the best of our knowledge, the information contained herein is accurate. However C.D. Products. Inc assumes no liability whatsoever for the accuracy or completeness of the information contained herein. The final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown health hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards which exist.

