
1. CHEMICAL PRODUCT IDENTIFICATION

PRODUCT NAME - MEDIUM BLEND HARDENER

This product is a 50/50 blend of our SLOW and FAST Hardeners.

PRODUCT CLASS - Hardener

PRODUCT SIGNAL WORD Warning Corrosive Liquid

PRODUCT HAZARDS Possible Sensitizer

MANUFACTURER - Phoenix Resins, Inc.
2615 River Road
Cinnaminson, NJ 08077



PRODUCT EMERGENCY NUMBERS - 1-888-627-3769 (company)

CHEMTREC -1- 800-424-9300

2. COMPOSITION / INFORMATION On INGREDIENTS

DESCRIPTION - The exact chemical identity of the component is a Trade Secret

CAS NUMBER Unavailable

COMMON NAME: Combined Aliphatic and Cycloaliphatic Amine

EXPOSURE LIMITS - TLV and PEL - Not Established

LD50 ORAL >1000.00 mg/kg (no deaths) Rat, >2000.00 mg/kg (no deaths) rabbit

LC50 INHALATION - no data

3. HAZARDS IDENTIFICATION

CHRONIC EFFECTS - Skin Sensitization (Dermatitis)

EYE - Will cause severe eye irritation, pain and may cause burns. Burns may cause blindness

INHALATION - May cause an allergic reaction and irritation of the breathing passages

SKIN ABSORPTION and SKIN CONTACT - Sever skin irritant. Redness and diScomfort which is transient.

INGESTION - May cause gastrointestinal bleeding and vomiting of blood

HMIS HAZARD RATING

HEALTH 3 FLAMMABILITY 1 REACTIVITY 0 PERS. PROTECT.

NFPA HAZARD RATING

HEALTH 3 FLAMMABILITY 1 REACTIVITY 0

CARCINOGENICITY - Not listed as an IARC, OSHA or ACGIH potential carcinogen

SPECIAL PROCEDURES IN HANDLING AND STORAGE - Emergency eyewash stations and safety showers must be close to any area of possible exposure.

4. FIRST AID MEASURES

EYES - Flush with water immediately. Continue to flush for 30 minutes and obtain emergency medical attention.

SKIN -Remove and do not reuse contaminated clothing. Wash exposed areas thoroughly with soap and water and flush for 15 minutes. Cover affected areas with sterile dressing or clean sheeting, DO NOT APPLY GREASES OR OINTMENTS.

INGESTION - DO NOT INDUCE VOMITING, Give 3 -4 glasses of milk or water. Obtain emergency medical help. Note to physicians - This product is highly injurious to all tissues, similar to that of ammonia or ammonia gas. Chemical pneumonitis, pulmonary edema, laryngeal edema and delayed scarring may occur following exposure.

INHALATION- Remove to fresh air. If breathing is labored administer oxygen. Call physician.

5. FIREFIGHTING MEASURES

FLAMMABILITY CLASSIFICATION -Combustible Liquid, Class IIIB

FLASH POINT >270°F Pensky-Martin Flash Closed Cup

LOWER EXPLOSIVE LIMITS N/A

EXTINGUISHING MEDIA Foam, water fog, dry chemical - carbon dioxide preferred

FIRE & EXPLOSIVE HAZARDS When mixed with strong acids (Organic/inorganic) strong oxidizing agents and bases

SPECIAL FIREFIGHTING PROCEDURES - Use self contained breathing apparatus and impervious turnout gear. Retail expended liquids for litter disposal. Water spray may be used to cool fire-exposed tanks

6. ACCIDENTAL RELEASE MEASURES

IN THE EVENT OF A SPILL - - Remove all possible sources of ignition or polymerization (see Section 5). Equip personnel with proper protection (see Section 7) Dike the spill to prevent from spreading. Collect for disposal. Use absorbent to soak up remainder of liquid. material will float on water. May be covered with foam or water fog if danger of ignition exists. Notify authorities as required by law.

WASTE DISPOSAL METHOD - Remove contaminated materials for disposal at a permitted facility using registered transports. Dilute aqueous waste is biodegradable. Incineration is the preferred method of disposal.

7. HANDLING, STORAGE AND PERSONAL PROTECTION

VENTILATION - Use and store only with adequate ventilation or use respiratory protection

RESPIRATORY - If vapors are present, use a NIOSH/MSHA approved positive pressure, supplies air respirator.

EYE PROTECTION - If potential for splashing is present, splash goggles or a full face shield should be worn.

SKIN PROTECTION - DO NOT ALLOW SKIN CONTACT. If potential skin contact is present, impervious protection clothing should be worn. Neoprene coated fabric is recommended for this application.

8. PHYSICAL AND CHEMICAL PROPERTIES

VAPOR DENSITY - No data
VAPOR PRESSURE <1 mm Hg at 25°C (77F)
SOLUBILITY IN WATER Negligible
APPEARANCE Clear, pale yellow viscous liquid
ODOR -Ammoniacial. Fishy

9. STABILITY AND REACTIVITY

STABILITY Stable
HAZARDOUS POLYMERIZATION Will autopolymerize at very high temperatures
HAZARDOUS DECOMPOSITION Fumes, carbon dioxide, carbon monoxide, acrid smoke,
PRODUCTS phenolics, aldehydes
CONDITIONS TO AVOID High heat, amines, strong oxidizers, acids and bases
INCOMPATIBILITY (Materials to Avoid) Strong acids, bases and oxidizers

10. TRANSPORTATION AND REGULATORY INFORMATION

DOT NON-BULK SHIPPING NAME CONSUMER COMMODITY, ORM-D
DOT PROPER NAME Amines. Liquid Corrosive n.o.s. (N- Aminoethypipazine/NON-Phenol); 8;
UN2735: PG III
TCSA - On 40CFR710 Section 8b Chemical Substances Inventory and Canadian Domestic Sub-
stances List
SARA/ TITLE III - Section 311/312 Immediate Health Hazard Section 313 Listed Chemicals
None
CERCLA - Not subject to any special reporting requirements WHMIS Class E Corrosive

This information contained above is given in good faith based on the best data available at this time. No warranty, expressed or implied is made. User assumes full responsibility for determining appropriate use and application of this product. For further information call Phoenix Resins 1-888-627-3769.