
1. CHEMICAL PRODUCT IDENTIFICATION

PRODUCT NAME - FAST EPOXY HARDENER and Non-Blushing Hardener
AKA MAS 1768 or FAST Hardener Code # 30-011, 30-012, 30-013, 30-023, 30-025, 30-031, 30-036, 30-041 Part B of kit 30-019 also Fast Non-Blushing Hardener 30-611, 30-612, 30-613, 30-623, 30-625, 30-631, 30-636, 30-641, 30-643, 30-666

PRODUCT CLASS - Hardener

PRODUCT SIGNAL WORD Warning Corrosive Liquid

PRODUCT HAZARDS Possible Sensitizer

MANUFACTURER - Phoenix Resins, Inc.
602 Union Landing Rd, Bldg 3
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 this component is a Trade Secret

CAS NUMBER - Not available COMMON NAME- Aliphatic 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 diacomfort which is transient.

INGESTION - May cause gastrointestinal bleeding and vomiting of blood

HMIS HAZARD RATING

HEALTH 3 FLAMMABILITY 1 REACTIVITY 1 PERS. PROTECT. - C

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 turn out gear. Retail expended liquids for later 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 PRODUCTS	Fumes, carbon dioxide, carbon monoxide, acrid smoke, 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 49CFR172.101-102 CLASSIFICATION In gallons or smaller = Consumer Commodity ORM-D
 In 4, 5 or larger containers see below - Corrosive

DOT SHIPPING NAME BULK SIZES	Polyamines. Liquid Corrosive n.o.s. (Modified Amines), Class 8, UN2735, PG III
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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
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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.