MASCO
MASONS SUPPLY

Emergency Phone: CHEMTREC 1-800-424-9300

For more Information Call:
1-800-537-3407

MATERIAL SAFETY DATA SHEET

1. Product and Company Identification

Trade Name: **MASCOBOND HI MOD, COMPONENT B**
Chemical Family: AMINE MIXTURE
Product Code: MS 2GHM

Revised: April 08

Company:
Masons Supply Company (MASCO)
2637 SE 12th Avenue
Portland, OR 97202

2. COMPOSITION INFORMATION

This document is prepared pursuant to the OSHA Hazard Communication Standard (29 CFR 1910.1200).

INGREDIENT	CAS NO.	TLV	STEL	PEL	CONTENT
MODIFIED AMINE	*	N/E	N/E	N/E	>50%
PETROLEUM DISTILLATE	68477-31-6	N/E	N/E	N/E	<15%
ALPHATIC AMINE	112-57-2	N/E	N/E	N/E	<8%
AMINO PHENOL	90-72-2	N/E	N/E	N/E	<3%

3. HAZARDS IDENTIFICATION

HMIS Hazard Rating No. 3 (HIGH)
PRIMARY ROUTE OF ENTRY: INHALATION, DERMAL, EYES
EFFECTS OF OVER EXPOSURE:

INHALATION: Vapors/mist may be corrosive to upper respiratory tract. Repeated or prolonged exposure can result in lung damage. Lung damage may be evidenced by shortness of breath and may be accompanied by chronic cough.

EYES: Product may cause irritation to the eyes. Corrosive to the eyes and may cause severe damage including blindness.

SKIN CONTACT: Corrosive to the skin. May cause skin sensitization.

SKIN ABORPTION: No known information available.

INGESTION: Not expected to a relevant route of exposure. However, may cause permanent damge to mouth, throat and stomach.

CHRONIC: Repeated exposure may cause skin sensitization, or sensitization to the respiratory tract and development of an asthmatic reaction to future exposure. Preexisting eye, skin, and respiratory disorders may be aggrevated by exposure of this product.

4. FIRST AID MEASURES

INHALATION: Remove vitcim from exposure. If difficulty with breathing, administer oxygen. If breathing has stopped, administer artificial respiration. Seek medical attention.

EYES: Flush eyes with water for 15 minutes, lifting upper and lower lids occasionally. Seek medical attention.

SKIN: Immediately remove contaminated clothing. Wash thoroughly with soap and water for at least 15 minutes. If irritaion occurs, get medical attention. Do not re-use clothing until thoroughly cleaned.

INGESTION: Do not induce vomiting. If vomiting occurs spontaneously, keep hea below hips to prevent aspiration of liquid into the lungs. Give one glass of water unless victim is drowsy, convulsing or unconscious. Seek medical attention.

5. FIRE FIGHTING METHODS

HMIS HAZARD RATING NO. 1 (Slight)

Flash Point: >200° F **METHOD:** SETAFLASH

AUTO-IGNITION TEMP.: Not available

LIMITS OF FLAMMABILITY: LEL: Not available **UEL**: Not Available

EXTINGUISHING MEDIA: Use water fog, dry chemical or CO_2.

SPECIAL FIRE FIGHTING PROCEDURES AND PRECAUTIONS: Do not enter confined fire space without full bunker gear (helmet with face shield, bunker coats, gloves and rubber boots), including a positive pressure NIOSH approved self-contained breathing apparatus. Cool fire exposed containers with water.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Containers exposed to intense heat from fires should be cooled with water to prevent vapor pressure buildup, which could result in container rupture. Delayed lung damage can be experienced after exposure to combustion product. Nitrogen oxides and nitrogen containing organic compounds may be released upon combustion.

6. ACCIDENTAL RELEASE MEASURES

ACTION TO TAKE FOR SPILLS / LEAKS: Clean up personnel must be equipped with self-contained breathing apparatus, rubber gloves and protective clothing. Dike and contain spill. Soak up residue with an absorbent such as clay, sand or other suitable material. Dispose of the absorbent material in accordance with federal, state and local regulations. Residual resin may be removed with hot soapy water.

WASTE DISPOSAL METHOD: Dispose in compliance with federal, state and local regulations.

7. HANDLING AND STORAGE

HANDLING: Keep away from open flames and high temperatures. **STORAGE:** Store in a well ventilated area.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: Avoid prolonged or repeated breathing of vapors. Use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134, use a full face, air supplying respirator or an air-purifying respirator for organic vapors.

PROTECTIVE CLOTHING: Do not get on skin or clothing. Wear chemical resistant protective clothing, gloves, and boots. Wear chemical goggles to prevent contact with eyes.

ADDITIONAL PROTECTIVE MEASURES: Use explosion proof ventilation to control vapors or mist concentrations. Eye wash fountains and safety showers should be available for emergency use.

9. PHYSICAL AND CHEMICAL PROPERTIES

Water/Oil Distribution Coefficient:	N/AV	**Odor:**	Slight
Boiling Point (°C):	N/AV	**Solubility in Water:**	Negligible
Percent Volatile:	0.1%	**Specific Gravity:**	1.13
Freezing Point (°C):	N/AV	**pH:**	N/AV
Vapor Pressure mmHg @ 20°C:	<10	**Evaporation Rate:**	N/AV
Vapor Density:	>Air		
Odor Threshold:	N/AV		
Appearance:	Gray Liquid		

N/AV = Not Available **ca. =** Approximate

10. STABILITY AND REACTIVITY

HMIS Hazard Rating No. 0

STABILITY: Stable Hazardous polymerization will not occur.

CONDITIONS AND MATERIALS TO AVOID: Avoid heat, flame and contact with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Nitrogen oxides, carbon monoxide and unidentified organic compounds may be formed during combustion.

11. TOXICITY INFORMATION

HMIS Hazard Rating No. 3 (High)

PRIMARY ROUTE OF ENTERY: Inhalation, Dermal, Eyes

EFFECTS OF OVEREXPOSURE

INHALATION:	Vapors may be corrosive to upper respiratory tract.
LC(50) INHAL.	N/AV
EYES:	May cause severe damage including blindness.
SKIN CONTACT:	Corrosive to the skin. In some individuals it may cause sensitization.
SKIN ABSORPTION:	No information available.
INGESTION:	Not expected to be route of entry. May cause permanent damage to mouth, throat and stomach.
LD(50) ORAL:	CAS. NO.
	90-72-2 >2169 mg/kg (rat)
	112-57-2 3.99 g/kg (rat)
	68477-31-6 2,622 mg/kg (rat)
CHRONIC:	Product does not contain chemicals considered to be carcinogenic by NTP, IARC, or OSHA.

This product contains residual (<5ppm) quantities of epichlorohydrin (ECH) (CAS NO. 106-89-8). It is very unlikely that normal work practices with this product could result in measurable ECH concentrations in the workplace atmosphere. Nevertheless, you should be aware that ECH has been reported to produce cancer in laboratory animals and to product mutagenic changes in bacteria and cultured human cells. It has been classified by IARC as a

12. ECOLOGICAL INFORMATION

Marine Pollutant: NL
(NL = Not Listed; P = Moderate; PP = SEvere; ND = Not Determined)

13. DISPOSAL CONSIDERATIONS

Dispose in a manner which complies with local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT/UN SHIPPING NAME: POLYAMINES, LIQUID, CORROSIVE, N.O.S., (ALKALINE AMINE)
DOT HAZARD CLASS: CLASS 8 (CORROSIVE LIQUID), PGIII
DOT PLACARD: CORROSIVE
OTHER REQUIREMENTS: UN1760, CLASS 60

15. REGULATORY INFORMATION

Components are listed on EPA/TSCA inventory of chemical substances.

TITLE III SECTION 302:	No reportable materials.
TITLE III SECTION 311/312:	Health hazard: Immediate.
	Physical hazard: Fire.
TITLE III SECTION 313:	No reportable materials.

15. REGULATORY INFORMATION

Information contained in this MSDS refers only to the specific material designated and does not relate to any process or to use with any other materials. This information is based on data believed to be reliable as of the date hereof. It is furnished without warranty of any kind express or implied. Since actual use is beyond our control, no guarantee, express or implied, and no liability is assumed by MASONS SUPPLY COMPANY in conjunction with the use of this information. Nothing herein is to be construed as a recommendation to infringe any patents.