



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 GEL, COMPONENT B  
**Chemical Family:** AMINE MIXTURE  
**Product Code:** MS 2GHMG

**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).

<u>INGREDIENT</u>	<u>CAS NO.</u>	<u>TLV</u>	<u>STEL</u>	<u>PEL</u>	<u>CONTENT</u>
MODIFIED AMINE	*	N/E	N/E	N/E	>50%
PETROLEUM DISTILLATE	68477-31-6	N/E	N/E	N/E	<15%
ALIPHATIC AMINE	112-57-2	N/E	N/E	N/E	<8%
AMINO PHENOL	90-72-2	N/E	N/E	N/E	<3%
COLLOIDAL SILICA	67762-90-7	N/E	N/E	N/E	<10%

\* Specific chemical identity of this component is being held as trade secret information in accordance with CFR 1910.1200

## 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 ABSORPTION:** No known information available.

**INGESTION:** Not expected as a route of exposure. However, may cause permanent damage 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 aggravated by exposure of this product.

## 4. FIRST AID MEASURES

**INHALATION:** Remove victim 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 irritation occurs, get medical attention. Do not re-use clothing until thoroughly cleaned.

**INGESTION:** Do not induce vomiting. If vomiting occurs, spontaneously, keep head 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<sub>2</sub>.

**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:** Do not breath vapor/mists. 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. Avoid breathing vapors which may be produce under some conditions such as application of uncured material in large surfaces.

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

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Water/Oil Distribution Coefficient:</b>	N/AV	<b>Odor:</b>	Ammonical
<b>Boiling Point (°C):</b>	N/AV	<b>Solubility in Water:</b>	Negligible
<b>Percent Volatile:</b>	0.1%	<b>Specific Gravity:</b>	1.20
<b>Freezing Point (°C):</b>	N/AV	<b>pH:</b>	N/AV
<b>Vapor Pressure mmHg @ 20°C:</b>	<10	<b>Evaporation Rate:</b>	N/AV
<b>Vapor Density:</b>	>Air		
<b>Odor Threshold:</b>	N/AV		
<b>Appearance:</b>	Amber 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 ENTRY: Inhalation, Dermal, Eyes

### EFFECTS OF OVEREXPOSURE

<b>INHALATION:</b>	May cause irritation on the respiratory tract.	
<b>LC(50) INHAL.</b>	N/AV	
<b>EYES:</b>	May cause severe damage including blindness.	
<b>SKIN CONTACT:</b>	Corrosive to the skin. In some individuals it may cause sensitization.	
<b>SKIN ABSORPTION:</b>	No information available.	
<b>INGESTION:</b>	Not expected to be route of entry. May cause permanent damage to mouth, throat, and stomach.	
<b>LD(50) ORAL:</b>	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, IAC, ACGIH, 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 probable human carcinogen. It has been classified as an anticipated human carcinogen by NTP.

## 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

<b>DOT/UN SHIPPING NAME:</b>	Polyamines, Liquid, Corrosive, N.O.S., (Alkaline Amine)
<b>DOT HAZARD CLASS:</b>	Class 8 (Corrosive Liquid), PG III
<b>DOT PLACARD:</b>	Corrosive
<b>OTHER REQUIREMENTS:</b>	UN1760, Class 60

## 15. REGULATORY INFORMATION

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

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

## 15. REGULATORY INFORMATION

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