

# Bomanite Epo-Clear II Part B



## Material Safety Data Sheet

Bomanite LLC  
34501 East Quincy Ave. Building 28  
Watkins, CO 80137

## HMIS Ratings

Health: 2  
Flammability: 1  
Reactivity: 0  
Personal Protection See VII  
Equipment:

**Emergency Telephone Number:**  
**Chemtrec: (800) 424-9300**

**Notice:** The following information is accurate to the best of our knowledge and is offered in good faith. No warranty, either expressed or implied, is hereby made. The recommended industrial hygiene and safe handling procedures are believed to be generally applicable. However, each user should review these recommendations in specific context of the intended use and determine whether they are appropriate.

### I. IDENTIFICATION

Product Name: Bomanite Epo-Clear II Part B  
Synonymous: N/A  
Chemical Family: Polyamine solution  
Chemical Formula: Proprietary  
D.O.T. Hazard Class: Isophoronediamine solution; 8; Corrosive; UN 2289; III  
Appearance & Odor: Colorless, mobile liquid, ammoniacal odor.

### II. HAZARDOUS COMPONENTS & EXPOSURE LIMITS

<i>Composition</i>	<i>%</i>	<i>OSHA TWA</i>	<i>ACGIH TLV</i>	<i>CAS NO.</i>
Benzyl Alcohol	40-70	Not established	Not established	000100-51-6
Isophoronediamine	10-30	Not established	Not established	002855-13-2

### III. TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity (H<sub>2</sub>O=1): 1.03  
Boiling Point: 392 °F (200 °C)  
Melting Point: <0 °F (-18 0176 °C)  
Vapor Pressure: N/A  
Vapor Density: N/A (> Air)  
Evaporation Rate: Not determined  
Solubility In Water: < 1%

### IV. FIRE EXPLOSION & REACTIVITY DATA

Flash Point: 205 °F (96 °C) Pensky-Martin closed cup  
Flammable Limits: N/A  
Firefighting Media: Ignition may give rise to class B fire. In case of fire use water fog, carbon dioxide, dry chemical or alcohol foam.  
  
Firefighting Procedure: N/A

Special Firefighting Procedure:	None likely with small quantities. For large quantities, firefighters should wear butyl rubber boots, gloves and body suit. Self-contained breathing apparatus should be worn. Water spray is useful in cooling fire-exposed vessels and in dispersing vapors.
Unusual Fire Hazards:	May generate toxic or irritating combustion products. Sudden reaction if product is mixed with an oxidizing agent.
Reactivity:	Stable
Incompatibilities:	Oxidizing agents (peroxides, nitrates) and acids.
Decomposition or Byproducts:	Hazardous combustion products: Carbon monoxide, carbon dioxide and ammonia. Nitrogen oxides can be produced if heated, burned or reacted with incompatible materials.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	N/A

## V. HEALTH HAZARD DATA

Inhalation:	Vapor may cause damage to contacted tissue and produce scarring.
Skin Contact:	Undiluted product quickly causes irritation. May cause chemical burns.
Eye Contact:	Severe irritant. May cause burns. Vapor may cause lacrimation and reversible cornea damage.
Ingestion:	May cause irritation and bleeding of gastrointestinal tract.

### ***Emergency and First Aid Procedures***

Inhalation:	Move to fresh air. Give assisted respiration if breathing has stopped or is labored, call a physician.
Skin Contact:	Remove product and flush affected area with water for 15 minutes. If irritation persists, get medical attention. Victims of major skin area contact should remain under medical observation for 24 hours.
Eye Contact:	Flush with water for 15 minutes. Get medical attention.
Ingestion:	Give 3-4 glasses of water or milk if person is conscious. Do not induce vomiting. Obtain medical care and treatment.
Aggravated Medical Conditions:	Asthma, bronchitis, emphysema, eye disease, skin disorders, allergies.
Overexposure Effects:	Lacrimation of eyes, skin irritation, dizziness.
Health Hazards:	Prolonged contact may cause conjunctivitis or corneal damage, allergic reaction, sensitization, defatting of skin, rash, irritation, tightness of chest, shortness of breath and cough.
Carcinogenicity:	This product contains no listed carcinogens.

## VI. SPILL PROCEDURES & WASTE DISPOSAL

Spill: Shut off sources of ignition. Cover spills with absorbent material. Place in metal containers for recovery or disposal. Prevent entry into sewers, storm drains and waterways.

Waste Disposal: Incineration is preferred. Comply with all Federal, State and Local regulations. Chemical and/or biological degradation is feasible.

Precautions for Safe Handling And Storage: Keep away from oxidizers, heat or flame. Store and handle in well ventilated areas. Keep cool, dry and in closed containers.

Other Precautions: N/A

## VII. PROTECTIVE CONTROL MEASURES

Respirator: None required in adequately ventilated areas. Appropriate respiratory protection is required when exposure to airborne contaminants may exceed acceptable limits. Respirators should be selected and used in accordance with OSHA, Subpart I (29 CFR 1910.134).

Ventilation: General and local exhaust.

Special: Emergency showers and eye wash stations should be readily available.

Protective Gloves: Nitrile rubber.

Eye Protection: Splash-proof goggles or chemical safety glasses.

Other Protective Clothing Required: Long sleeved shirts and trousers.

### ***Work/Hygiene Practices***

Wash hands after use and before eating, drinking and smoking.