

Bomanite Epo-Clear II Part A



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 A
Synonymous: N/A
Chemical Family: Modified epoxy resin
Chemical Formula: Proprietary
D.O.T. Hazard Class: Resin compound, not regulated.
Appearance & Odor: Clear to hazy amber liquid, mild odor

II. HAZARDOUS COMPONENTS & EXPOSURE LIMITS

Composition	%	OSHA TWA	ACGIH TLV	CAS NO.
Bisphenol A/Epichlorohydrin Based Epoxy Resin	40-70	Not established	Not established	025068-38-6
2-Ethyl Hexyl Glycidyl Ether	7-13	Not established	Not established	002461-15-6
Nonylphenol	15-40	Not established	Not established	025154-52-3

III. TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity (H₂O=1): 1.12
Boiling Point: > 572 °F (300 °C)
Melting Point: N/A
Vapor Pressure: <0.1
Vapor Density: N/A
Evaporation Rate: N/A
Solubility In Water: <0.5%

IV. FIRE EXPLOSION & REACTIVITY DATA

Flash Point: >262 °F (128 °C)
Flammable Limits: N/A
Firefighting Media: Ignition may give rise to a 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 and others exposed to vapors or products of combustion 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 dispersing vapors.
Unusual Fire Hazards:	May generate toxic or irritating combustion products. Sudden reaction and fire may result if product is mixed with an oxidizing agent.
Reactivity:	Stable
Incompatibilities:	Oxidizing agents (perchlorates, nitrates), strong acids, hypochlorites and peroxides.
Decomposition or Byproducts:	Carbon monoxide, carbon dioxide, aldehydes, acids.
Hazardous Polymerization:	Will not occur.
Conditions to Avoid:	N/A

V. HEALTH HAZARD DATA

Inhalation:	May cause irritation of respiratory tract. Coughing and chest pain may result.
Skin Contact:	Transient irritation, redness and discomfort.
Eye Contact:	May cause mild irritation.
Ingestion:	Components have low order of toxicity.
Aggravated Medical Conditions:	Skin disorders and allergies.
Overexposure Effects:	Lacrimation of eyes, skin irritation, dizziness.
Health Hazards:	Prolonged contact may cause allergic reaction and sensitization.
Carcinogenicity:	This product contains no carcinogens in concentrations of 0.1% or greater.

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, call physician.

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.

VI. SPILL PROCEDURES & WASTE DISPOSAL

Spill: Cover spills with absorbent material. Place in metal containers for recovery or disposal. Prevent entry in to 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 recommended.

Special: Emergency showers and eye wash station 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 or smoking.