

Bomanite Crack Repair Kit Part A



Material Safety Data Sheet

Bomanite Corporation
232 S. Schnoor Ave.
Madera, CA 93637

HMIS Ratings

Health: 2
Flammability: 1
Reactivity: 1
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 Crack Repair Kit Part A
Synonymous: N/A
Chemical Family: Epoxy resins, diluent
Chemical Formula: Proprietary
D.O.T. Hazard Class: Epoxy resin mixture
Appearance & Odor: Black or blue-gray liquid, slight odor

II. HAZARDOUS COMPONENTS & EXPOSURE LIMITS

Composition	%	OSHA PEL	ACGIH TLV	CAS NO.
Epoxy Resin	58-68	N/A	N/A	25068-38-6
Epoxy Resin	6-11	N/A	N/A	54208-63-8
Aliphatic Glycidyl Ether	8-12	N/A	N/A	74398-71-3
Dinonyl Phenol (DNP)	12-22	N/A	N/A	1323-65-5
Cresyl Glycidyl Ether	2-6	N/A	N/A	2210-79-9

III. TYPICAL PHYSICAL & CHEMICAL CHARACTERISTICS

Specific Gravity (H₂O=1): 1.14
Boiling Point: > 392 °F (200 °C)
Melting Point: N/A
Vapor Pressure: N/A
Vapor Density: Heavier than air
Evaporation Rate: N/A
Solubility In Water: Slight

IV. FIRE EXPLOSION & REACTIVITY DATA

Flash Point: > 200 °F (93 °C) (PMCC)
Flammable Limits: N/A
Firefighting Media: Carbon dioxide, foam, dry chemical and water fog

Special Firefighting Procedure:	At higher temperature vapors can cause pressure built-up in sealed containers. Use water to cool containers exposed to fire. Self-contained respirator equipment and full protective clothing required when smoke or fumes are generated. Electrical grounding not recommended.
Unusual Fire Hazards:	N/A
Reactivity:	Stable
Stability:	This product requires another component to react at room temperature. Mix and use in accordance with directions for safety. Excessive heat and fume generation can occur if improperly handled. Not sensitive to mechanical impact.
Incompatibilities:	Strong acids, strong bases. Amines and mercaptanes may initiate possible hazardous polymerization.
Decomposition or Byproducts:	Carbon monoxide, carbon dioxide, aldehydes, various compounds from incomplete combustion.
Hazardous Polymerization:	May occur if product is not handled per instructions.
Conditions to Avoid:	N/A

V. **HEALTH HAZARD DATA**

Inhalation:	Vapors may cause severe irritation to nose and mucous membranes.
Skin Contact:	Prolonged or repeated exposure may cause skin irritation and redness. Skin sensitization or allergic reaction may occur in some individuals.
Eye Contact:	Contact may cause irritation, redness, tearing and blurred vision.
Ingestion:	Intake can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Emergency and First Aid Procedures

Inhalation:	Remove victim from exposure. If difficulty with breathing, administer oxygen and seek immediate medical attention.
Skin Contact:	Wash with soap and water. Get medical attention if irritation persists.
Eye Contact:	Flush with water, lifting upper and lower lids occasionally for 15 minutes. Seek medical attention.
Ingestion:	Do not induce vomiting. Give at least two glasses of water, get immediate medical attention. If vomiting occurs spontaneously, keep head below hips to prevent aspiration of liquid to lungs. Do not give anything by mouth to an unconscious person.

VI. **SPILL PROCEDURES & WASTE DISPOSAL**

Spill:	Ventilate area, eliminate all sources of ignition. Wear appropriate protective gear. Contain spill. Clean up material with absorbent material.
Waste Disposal:	Handle disposal of waste material in manner which complies with Federal, State and Local regulations. Landfill if solidified or incinerate at agency approved waste disposal facility.

Precautions for Safe Handling

And Storage: Keep containers tightly sealed. Store in dry and cool area. Avoid freezing conditions.

Other Precautions: This is a commercial product, not intended for home use. Keep out of reach of children.

VII. **PROTECTIVE CONTROL MEASURES**

Respirator: N/A

Ventilation: Recommended. Air movement must be designed to insure turnover at all locations in work area to prevent build-up of heavy vapors.

Special: N/A

Protective Gloves: Depending on operation

Eye Protection: Yes

Other Protective Clothing Required: Depending on operation

Work/Hygiene Practices

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