

MSDS Document

Product BOSS® 298 Four Minute Epoxy

1. Chemical Product and Company Identification

Trade Name of this Product BOSS® 298 Four Minute Epoxy

Synonyms: 03679CL38, 03757CL84

MSDS ID BOSS298

Manufacturer

Accumetric, LLC
350 Ring Road
Elizabethtown, KY 42701

Phone Number

(270) 769-3385

Emergency Phone

CHEMTREC (800) 424-9300

Revision Date 11/16/2005

2. Composition and Information on Ingredients

Ingredient	CAS Number	Weight %	ACGIH TLV	PEL	STEL
Oxirane,2,2',1 methyl ethylidene bis 4,1 B	25085-99-8	50 %			
Mercaptan-terminated polymer	33007-83-9	45 %			
2,4,6-Tri(diethylminome thyl) phenol	907-2-2	5 %			

3. Hazard Identification

Eye Contact

Can be corrosive to eye tissue leading to permanent damage and even blindness.

Skin Contact

May cause severe irritation or burns; may be corrosive on prolonged contact.

Skin Absorption

Slightly toxic. May cause skin irritation on prolonged or repeated exposure.

Inhalation

May be harmful if inhaled in large amounts or for prolonged periods. Can cause irritation of respiratory tract. Overexposure to fumes or vapor may cause delayed lung damage and chemical pneumonia.

Ingestion

May be harmful. May cause fatigue, muscular weakness, labored breathing and

gastrointestinal irritation.

Chronic Effects

Component B may cause dermatitis, lung injury or chemical pneumonia. May aggravate existing skin, eye or lung conditions.

4. First Aid Information

Eye Contact

Immediately flush eyes with water for at least 15 minutes. Get medical attention if irritation develops.

Skin Contact

In case of contact with skin immediately remove contaminated clothing. Wash thoroughly with soap and water. Wash contaminated clothing before reuse.

Inhalation

Remove individual to fresh air. Give oxygen if breathing is labored. If breathing has stopped give artificial respiration. Keep person warm, quiet and seek medical attention.

Ingestion

Do NOT induce vomiting. Administer 3-4 glasses of milk or water. Never give anything by mouth to an unconscious person. If vomiting occurs spontaneously, keep head below hips (if sitting) or to the side (if lying down) to prevent aspiration. Get immediate medical attention.

5. Fire Fighting Measures

Extinguishing Media

Component A - water fog or fine spray, foam, carbon dioxide, dry chemical, alcohol resistant foam

Component B - water spray

Unsuitable Extinguishing Media

Component A - direct water stream.

Hazardous Decomposition Products

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products:

Carbon monoxide
Carbon dioxide
Oxides of nitrogen

Special Procedures

Wear full protective equipment including self-contained breathing apparatus.

6. Accidental Release Measures

Spills/Leaks

Soak up in absorbent material such as sand and collect in suitable container. Flush area

with plenty of water. Wear adequate personal protective clothing and equipment. Keep out of irrigation ditches, sewers and water supplies.

Disposal Methods

Do not dump into any sewers, on the ground or into any body of water. Dispose in an approved chemical waste landfill. Dispose of in accordance with state, federal and local guidelines.

7. Handling and Storage

Handling

Avoid use of electric band heaters. Application of direct flame to a container of Component A can also cause explosion and/or fire.

Storage

Recommended pumping and storage temperature is 60°C (140°F).

8. Exposure Controls and Personal Protection

Eye Protection

Use proper protection - safety glasses as a minimum.

Skin Protection

Use long-sleeved protective clothing, face shield, gloves, boots. Remove contaminated clothing immediately, wash skin with soap and water, launder clothing before re-use.

Ventilation

Local exhaust ventilation is recommended to maintain vapor level below TLV.

Respiratory Protection

Use respiratory protection unless adequate exhaust ventilation is provided or exposure assessment demonstrates that exposures are within exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls.

Suitable Respirator:
Organic Vapor Type

9. Physical and Chemical Properties

Physical State	Epoxy
Color/Appearance	A - Light yellow B - light amber

Note

The above information is not intended for use in preparing product specifications. Contact Accumetric LLC before writing specifications.

10. Stability and Reactivity

Stable under recommended storage conditions (see Section 7).

Potentially violent decomposition can occur above 350°C (662°F).
Generation of gas during decomposition can cause pressure in closed systems.
Avoid contact with oxidizing materials, acids and bases, and amines.

11. Toxicological Information

Repeated skin contact may possibly cause dermatitis. May be harmful or cause irritation of respiratory tract if inhaled in large amounts or for prolonged periods.

Overexposure to fumes and vapor may cause lung damage and chemical pneumonia.

12. Ecological Information

Component A

Bio concentration potential is moderate. Potential for mobility in soil is low. Moderately toxic to aquatic organisms on an acute basis.

Component B

Not determined

13. Disposal Considerations

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes.

Waste Disposal Methods

Do not dump into any sewers, on the ground or into any body of water. Dispose in an approved chemical waste landfill. Disposal method must be in compliance with all Federal, State and Local regulations.

14. Transportation Information

Transportation Information

Non-narcotic, non-toxic, does not contain solvents that may cause transport hazards.

15. Regulatory Information

TSCA Status

All chemical substances in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substances.

The contents of this MSDS comply with the OSHA Hazard Communication Standard 29 CFR 1910.1200.

SARA Title III Section 302 Extremely Hazardous Substances

None

SARA Title III Section 304 CERCLA Hazardous Substances

None

SARA Title III Section 313 Toxic Chemicals

None present or none present in regulated quantities.

California Proposition 65

This product contains the following chemical(s) listed by the State of California under the Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65) as being known to cause cancer, birth defects or other reproductive harm:

None known

New Jersey

None known

Pennsylvania

None known

16. Other Information

Disclaimer

The data contained herein is based upon information that Accumetric LLC believes to be reliable. Users of this product have the responsibility to determine that suitability of use and to adopt all necessary precautions to ensure the safety and protection of property and persons involved in said use. All statements to suggestions are made without warranty, expressed or implied, regarding the accuracy of the information, the hazards connected with the use of the material or the results to be obtained from the use thereof.