

MATERIAL SAFETY DATA SHEET

S-120 EPOXY, PART A, RESIN

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: SUMMITVILLE LABORATORIES, INC.
PO BOX 90
81 ARBOR ROAD
MINERVA, OH 44657

INFORMATION PHONE 330-868-6463
EMERGENCY PHONE 330-223-1511
24 HOUR SPILL AND 800-424-9300chemtrec
EMERGENCY PHONE:

PRODUCT NAME: S-120 EPOXY, PART A, RESIN

PRODUCT NUMBER: 52-00-9015

UPC NUMBER:

PREPARED BY: Safety Manager

DATE PREPARED: 3/29/00

LAST REVISION: 3/31/99

SYNONYMS:

UN NUMBER: Not Reg

N. AMER. EMER GUIDE #: N/R

HAZARD CLASS: Not Reg

PACKING GROUP: Not Reg

PROPER SHIPPING NAME:

Not Regulated

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	OSHA PEL	ACGIH TLV
bisphenol A Diglycidyl Ether Resin	25068386		
STYRENE POLYMER	9003536	N/A	N/A
WATER, Dihydrogen Oxide	732185		
ALIPHATIC EPOXIDE	68609961		
SURFACTANT			

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: N/A

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Can cause severe eye irritation

INHALATION: Irritating to the nose, throat, and respiratory tract.

INGESTION: May cause severe and permanent damage to mouth, throat, stomach, and digestive tract.

SKIN CONTACT: Prolonged exposure may cause skin irritation.

SIGNS AND SYMPTOMS OF EXPOSURE:

N/A

4. FIRST AID MEASURES

- EYE CONTACT:** Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.
- INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
- INGESTION:** If swallowed, drink large amounts of water and induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention immediately.
- SKIN CONTACT:** Wash affected area with soap and water. If irritation persists, get medical attention.

AGGRAVATED MEDICAL CONDITIONS:

Frequent and prolonged contact with eyes and skin can cause irritation. Inhalation by sensitized persons may cause asthmatic, or other reactions.

SUPPLEMENTAL HEALTH INFORMATION:

N/A

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

- FLASH POINT:** **FLASH POINT METHOD USED:** N/A
- AUTOIGNITION:** **LEL:** **UEL:**
- EXTINGUISHING MEDIA:**
Dry chemical, foam, CO₂.

SPECIAL FIRE FIGHTING PROCEDURES:

The use of a positive pressure, SCBA is recommended for firefighters.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None

COMBUSTION PRODUCTS:

Mixtures of carbon monoxide, carbon dioxide, and other hydrocarbons.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:

Wipe up small spills. Contain and absorb large spills. Dispose of in accordance with Federal, State, and Local regulations, in solid landfill where applicable.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

N/A

OTHER PRECAUTIONS:

N/A

8. EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

This material does not have established exposure limites. Wear a positive pressure air supplied respirator in situations where there may be potential for airborne exposure.

VENTILATION:

Provide adequate ventilation.

PROTECTIVE GLOVES:

Impervious gloves and splash aprons recommended.

EYE PROTECTION:

Safety glasses with side shields (or goggles) as appropriate.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Protective splash apron recommended.

WORK / HYGENIC PRACTICES:

Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

ENGINEERING CONTROLS:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

EXPOSURE GUIDELINES:

N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

SOLUBILITY IN WATER: Dispersible

APPEARANCE AND ODOR: Off white, milky liquid, slight odor.

BOILING POINT:

PERCENT VOLATILE:

VAPOR PRESSURE:

PH:

EVAPORATION: N/A

MOLECULAR WEIGHT:

POUNDS PER GALLON:

VAPOR DENSITY: Heavier Than Air

SPECIFIC GRAVITY: 1.0

OTHER PROPERTIES:

MELTING POINT:

FREEZING POINT:

10. STABILITY AND REACTIVITY

STABLE: Stable

INCOMPATIBILITY:

Avoid uncontrolled contamination with Amines, Bases, Mercaptans, and Strong acids.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS:

N/A

HAZARDOUS POLYMERIZATION: Will Not Occur

11. TOXICOLOGY INFORMATION

N/A

12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with all Federal, State, and Local regulations.

14. TRANSPORTATION INFORMATION

DOT CLASSIFICATION: Not Regulated

UN NUMBER: Not Reg

HAZARD CLASS: Not Reg

PACKING: Not Reg

GUIDE NUMBER: N/R

PROPER SHIPPING NAME: Not Regulated

15. REGULATORY INFORMATION

No information available.

16. OTHER INFORMATION

HMS INFORMATION: HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 0 PROTECTIVE: C

Disclaimer

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.

MATERIAL SAFETY DATA SHEET

S-120 EPOXY PART B CATALYST

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

MANUFACTURER: SUMMITVILLE LABORATORIES, INC.
PO BOX 90
81 ARBOR ROAD
MINERVA, OH 44657

INFORMATION PHONE 330-868-6463
EMERGENCY PHONE 330-223-1511
24 HOUR SPILL AND 800-424-9300chemtrec
EMERGENCY PHONE:

PRODUCT NAME: S-120 EPOXY PART B CATALYST

PRODUCT NUMBER: 52-00-900079010

UPC NUMBER:

PREPARED BY: Safety Manager

DATE PREPARED: 3/29/00

LAST REVISION: 4/6/99

SYNONYMS: REACTION OF TEPA AND TALL OIL

UN NUMBER: UN 1760

N. AMER. EMER GUIDE #: 60

HAZARD CLASS: 8

PACKING GROUP: II

PROPER SHIPPING NAME:
Corrosive Liquid, N.O.S. (Aliphatic Polyamine)

2. COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	OSHA PEL	ACGIH TLV
ALIPHATIC AMINE ADDUCT	68400668		
SURFACTANT			
WATER, Dihydrogen Oxide	732185		

3. HAZARDOUS IDENTIFICATION

EMERGENCY OVERVIEW: This material is not flammable or reactive; but should be stored in a dry area to preserve material.

POTENTIAL HEALTH EFFECTS

EYE CONTACT: Can cause severe eye irritation

INHALATION: Inhalation by sensitized individual(s) may cause asthmatic symptoms to occur.

INGESTION: May cause severe and permanent damage to mouth, throat, stomach, and digestive tract.

SKIN CONTACT: Prolonged exposure may cause skin irritation.

SIGNS AND SYMPTOMS OF EXPOSURE:

Shortness of breathing, confused behavior, redness of skin, swelling of tissues, watery eyes, nausea.

4. FIRST AID MEASURES

- EYE CONTACT:** Immediately flush eyes with plenty of water. Get medical attention, if irritation persists.
- INHALATION:** Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention immediately.
- INGESTION:** If swallowed, drink large amounts of water and induce vomiting. Never give anything by mouth to an unconscious person. Seek medical attention immediately.
- SKIN CONTACT:** Wash affected area with soap and water. If irritation persists, get medical attention.

AGGRAVATED MEDICAL CONDITIONS:

Frequent and prolonged contact with eyes and skin can cause irritation. Inhalation by sensitized persons may cause asthmatic, or other reactions. Sensitized persons may experience eczema reactions with exposure by skin contact.

SUPPLEMENTAL HEALTH INFORMATION:

Ammonia sensitized individuals may experience dermatitis, difficulty breathing, or other symptoms from short contact periods.

5. FIRE FIGHTING MEASURES

FLAMMABLE PROPERTIES

- FLASH POINT:** **FLASH POINT METHOD USED:** N/A
- AUTOIGNITION:** **LEL:** **UEL:**
- EXTINGUISHING MEDIA:**
N/A

SPECIAL FIRE FIGHTING PROCEDURES:

The use of a positive pressure, SCBA is recommended for firefighters.

UNUSUAL FIRE AND EXPLOSION HAZARDS:

None known.

COMBUSTION PRODUCTS:

none known

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS SPILLED OR RELEASED:

Small spills: Mop up, wipe up or soak up immediately. Remove to out of doors. Large spills: Contain liquid; transfer to closed metal containers. Keep out of water supply.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:

Keep container closed when not in use. Protect from freezing. Under ideal conditions this product has a one year shelf life.

OTHER PRECAUTIONS:

N/A

8. EXPOSURE CONTROL/PERSONAL PROTECTION

RESPIRATORY PROTECTION:

Proper ventilation required. Wear an appropriate cartridge respirator when strong odor and poor ventilation are present.

VENTILATION:

Provide adequate ventilation.

PROTECTIVE GLOVES:

Nitrile gloves are recommended.

EYE PROTECTION:

Use chemical safety goggles and/or full face shield where splashing is possible. Contact lenses should not be worn when working with this material. Maintain eye wash fountain and quick-drench facilities in work areas.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:

Protective splash apron recommended.

WORK / HYGENIC PRACTICES:

Use good personal hygiene when handling this product. Wash hands after use, before smoking, or using the toilet.

ENGINEERING CONTROLS:

Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower.

EXPOSURE GUIDELINES:

N/A

9. PHYSICAL AND CHEMICAL PROPERTIES

SOLUABILITY IN WATER: Emulsion

APPEARANCE AND ODOR: Off white, milky liquid, slight odor.

BOILING POINT:

PERCENT VOLATILE: 0

VAPOR PRESSURE:

PH:

EVAPORATION: N/A

MOLECULAR WEIGHT:

POUNDS PER GALLON:

VAPOR DENSITY: N/A

SPECIFIC GRAVITY: 1

OTHER PROPERTIES:

MELTING POINT:

FREEZING POINT:

10. STABILITY AND REACTIVITY

STABLE: Stable

INCOMPATIBILITY:

Avoid uncontrolled contact with strong oxidizing agents, mineral acids, and epoxy resins.

HAZARDOUS DECOMPOSITION OR BY PRODUCTS:

N/A

HAZARDOUS POLYMERIZATION: Will Not Occur

11. TOXICOLOGY INFORMATION

N/A

12. ECOLOGICAL INFORMATION

N/A

13. DISPOSAL CONSIDERATIONS

The preferred options for disposal are to send to licensed reclaimers, or to permitted incinerators. Any disposal practice must be in compliance with federal, state, and local regulations. Do not dump into sewers, ground, or any body of water.

14. TRANSPORTATION INFORMATION

DOT CLASSIFICATION: Corrosive Liquid, N.O.S. (Aliphatic Polyamine)

UN NUMBER: UN 1760

HAZARD CLASS: 8

PACKING: II

GUIDE NUMBER: 60

PROPER SHIPPING NAME: Corrosive Liquid, N.O.S. (Aliphatic Polyamine)

15. REGULATORY INFORMATION

16. OTHER INFORMATION

HMS INFORMATION: HEALTH: 2 FLAMMABILITY: 0 REACTIVITY: 0 PROTECTIVE: G

Disclaimer

The information contained herein is based on the data available to us and is believed to be accurate. However, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. We assume no responsibility for injuries from the use of the product described herein.