



POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

6803-A EPOXY BASE

Version Number 1.0
Revision Date 06/26/2009

Page 1 of 6
Print Date 1/8/2012

1. PRODUCT AND COMPANY IDENTIFICATION

POLYONE CORPORATION
8155 Cobb Center Drive, Kennesaw, GA 30152

Telephone : Product Stewardship (770) 590-3500 x.3563
Emergency telephone : CHEMTREC 1-800-424-9300 (24hrs for spill, leak, fire, exposure or accident).

Product name : 6803-A EPOXY BASE
Product code : FO20022291
Chemical Name : Mixture
CAS-No. : Mixture
Product Use : Industrial Applications

2. COMPOSITION/INFORMATION ON REGULATED INGREDIENTS

Components	CAS-No.	Weight percent
Alkyl (C12, C14) glycidyl ether	68609-97-2	10 - 30
Bisphenol A - Epichlorohydrin polymer	25068-38-6	60 - 100

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

Flammable. May be harmful if inhaled. Harmful if swallowed. May cause skin irritation. Flammable liquid and vapor. Vapors may be irritating to eyes and respiratory tract. This mixture has not been evaluated as a whole for health effects. Information provided on health effects of this product is based on the individual components. In addition, heating or processing this material may result in product degradation or byproduct formation creating additional hazards. See Sections 8 and 11 for additional details.

POTENTIAL HEALTH EFFECTS

Routes of Exposure: : Inhalation, Skin contact, Ingestion

Acute exposure

Inhalation : Excessive inhalation of product vapors may cause respiratory irritation, headaches, dizziness, and/or nausea.
Ingestion : May be harmful if swallowed. May cause nausea, abdominal spasms and irritation of the mucous membranes.
Eyes : Liquid, aerosol, or vapors of this product are irritating and may cause tearing, reddening, and swelling accompanied by a stinging sensation and/or a feeling like that of fine dust in the eyes.
Skin : Prolonged or repeated skin contact can cause de-fatting and drying of the skin which may result in skin irritation and dermatitis (rash).

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

6803-A EPOXY BASE

Version Number 1.0
Revision Date 06/26/2009

Page 2 of 6
Print Date 1/8/2012

- Chronic exposure** : Refer to Section 11 for Toxicological Information.
- Medical Conditions Aggravated by Exposure:** : Individuals with chronic respiratory disorders (i.e. asthma, chronic bronchitis, etc.) may be adversely affected by any airborne contaminant.

4. FIRST AID MEASURES

- Inhalation** : Move to fresh air in case of accidental inhalation of vapours or decomposition products. When symptoms persist or in all cases of doubt seek medical advice.
- Ingestion** : Do not induce vomiting without medical advice. If conscious, drink plenty of water. Seek medical attention if necessary.
- Eyes** : Rinse immediately with plenty of water for at least 15 minutes. If eye irritation persists, seek medical attention.
- Skin** : Wash off with soap and plenty of water. If skin irritation persists seek medical attention.

5. FIRE-FIGHTING MEASURES

- Flash point** : Less than 75 °F (24 °C)
- Flammable Limits**
- Upper explosion limit : no data available
 - Lower explosion limit : no data available
- Autoignition temperature** : no data available
- Suitable extinguishing media** : Dry chemical, Carbon dioxide (CO₂), Water spray, Foam.
- Special Fire Fighting Procedures** : Fullface self-contained breathing apparatus (SCBA) used in positive pressure mode should be worn to prevent inhalation of airborne contaminants.
- Unusual Fire/Explosion Hazards** : Carbon dioxide (CO₂), carbon monoxide (CO), oxides of nitrogen (NO_x), other hazardous materials, and smoke are all possible.

6. ACCIDENTAL RELEASE MEASURES

- Personal precautions** : Wear appropriate personal protection during cleanup, such as impervious gloves, boots and coveralls.
- Environmental precautions** : The product should not be allowed to enter drains, water courses or the soil. Should not be released into the environment.
- Methods for cleaning up** : Contain spillage, and then collect with non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) and place in container for disposal according to local / national regulations (see section 13).

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

6803-A EPOXY BASE

Version Number 1.0
Revision Date 06/26/2009

Page 3 of 6
Print Date 1/8/2012

7. HANDLING AND STORAGE

- Handling : Flammable liquid. Keep away from flames, hot surfaces, and sources of ignition. Use of non-sparking or explosion-proof equipment may be necessary. Never use compressed air for transferring product. Ensure all equipment is electrically grounded before beginning transfer operations. Take measures to prevent the build up of electrostatic charge. Use only in area provided with appropriate exhaust ventilation.
- Storage : Store below 140 °F (60 °C). Keep containers tightly closed in a cool, well-ventilated place. Keep away from open flames, hot surfaces and sources of ignition. Flammable Liquid. Check local fire regulations for sprinkler or explosion proof storage location requirements.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Respiratory protection : Airborne contaminant levels should be maintained below the occupational exposure guidelines. When respiratory protection is required, use an approved air-purifying or positive pressure supplied-air respirator, depending upon potential airborne contaminant concentrations. Employees using respirators must be properly trained. Employers must follow applicable regulations such as OSHA 29 CFR 1910.134.
- Eye/Face Protection : Wear goggles or face shield during operations that present a splash potential.
- Hand protection : Protective gloves
- Skin and body protection : Choose body protection according to the amount and concentration of the dangerous substance at the work place.
- Additional Protective Measures : Safety shoes
- General Hygiene Considerations : Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Ensure adequate ventilation, especially in confined areas.
- Engineering measures : Provide general and/or local exhaust ventilation to control airborne contaminant levels below the exposure guidelines.

Exposure limit(s)

9. PHYSICAL AND CHEMICAL PROPERTIES

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

6803-A EPOXY BASE

Version Number 1.0
Revision Date 06/26/2009

Page 4 of 6
Print Date 1/8/2012

Form	: liquid	Evaporation rate	: Not determined
Appearance	: liquid	Specific Gravity	: Not determined
Colour	: NO PIGMENT	Bulk density	: Not applicable
Odour	: solvent	Vapour pressure	: Not determined
Melting point/range	: not applicable	Vapour density	: Heavier than air.
Boiling Point:	: no data available	pH	: Not determined
Water solubility	: negligible		

10. STABILITY AND REACTIVITY

Stability	: Stable
Hazardous Polymerization	: Will not occur by itself. Quantities of more than 1 pound of product mixed with an aliphatic amine can cause a rapid irreversible polymerization with considerable exotherm (heat build-up).
Conditions to avoid	: Avoid temperatures above 140 °F (60 °C). Product can decompose at elevated temperatures.
Incompatible Materials	: Strong acids, bases and oxidizing agents, Avoid unintentional contact with amines
Hazardous decomposition products	: Uncontrolled exothermic reaction of epoxy resins release phenolics, carbon monoxide (CO), carbon dioxide (CO ₂), and water.

11. TOXICOLOGICAL INFORMATION

This mixture has not been evaluated as a whole for health effects. Exposure effects listed are based on existing health data for the individual components which comprise the mixture.

Toxicity Overview

This product contains the following components which in their pure form have the following characteristics:

CAS-No.	Chemical Name	Effect	Target Organ
68609-97-2	Alkyl (C12, C14) glycidyl ether	sensitizer	Skin.
25068-38-6	Bisphenol A - Epichlorohydrin polymer	Irritant	Skin.
		sensitizer	Skin.

LC50 / LD50

This product contains the following components which, in their pure form, have the following toxicity data:

CAS-No.	Chemical Name	Route	Value	Species
25068-38-6	Bisphenol A - Epichlorohydrin polymer	Oral LD50 Dermal LD50	11,400 mg/kg > 6,000 mg/kg	rat rabbit

12. ECOLOGICAL INFORMATION

Persistence and degradability : no data available

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

6803-A EPOXY BASE

Version Number 1.0
Revision Date 06/26/2009

Page 5 of 6
Print Date 1/8/2012

Environmental Toxicity : Adverse ecological impact is not known or expected under normal use.

Bioaccumulation Potential : no data available

Additional advice : no data available

13. DISPOSAL CONSIDERATIONS

Product : Dispose of properly. Do not dump into sewers, on the ground, or into any body of water. Where possible recycling is preferred to disposal or incineration. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

Contaminated packaging : Recycling is preferred when possible. The generator of waste material has the responsibility for proper waste classification, transportation and disposal in accordance with applicable federal, state/provincial and local regulations.

14. TRANSPORT INFORMATION

U.S. DOT Classification : Refer to specific regulation.

ICAO/IATA : Refer to specific regulation.

IMO / IMDG (maritime) : Refer to specific regulation.

15. REGULATORY INFORMATION

US Regulations:

OSHA Status : Classified as hazardous based on components.

TSCA Status : All components of this product are listed on or exempt from the TSCA Inventory.

US. EPA CERCLA Hazardous Substances (40 CFR 302)

not applicable

California Proposition : Not applicable
65

POLYONE CORPORATION

MATERIAL SAFETY DATA SHEET

6803-A EPOXY BASE

Version Number 1.0
Revision Date 06/26/2009

Page 6 of 6
Print Date 1/8/2012

SARA Title III Section 302 Extremely Hazardous Substance

Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

SARA Title III Section 313 Toxic Chemicals:

Unless specific chemicals are identified under this section, this product is Not Applicable under this regulation

Canadian Regulations:

National Pollutant Release Inventory (NPRI)

not applicable

WHMIS Classification : D2B

DSL : All components of this product are on the Canadian Domestic Substances List (DSL) or are exempt.

National Inventories:

Australia AICS : Listed

China IECS : Listed

Europe EINECS : Listed

Japan ENCS : Not determined

Korea KECI : Listed

Philippines PICCS : Listed

16. OTHER INFORMATION

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.