



Material Safety Data Sheet
Material Name: Super Fast Epoxy
MSDS ID: ELM-001
 Issue Date 02/16/11
 Revision 1.0000

Other Sections:

[02](#) [03](#) [04](#) [05](#) [06](#) [07](#) [08](#) [09](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) [16](#)

Section 1 - Chemical Product and Company Identification

Part Number: E1009, 61009

Chemical Name: Super Fast Epoxy

Manufacturer Information

Elmer's Products, Inc.
 1 Easton Oval
 Columbus, OH 43219
 Emergency # Poison Control Center: 1-888-516-2502

General Comments

For additional product information, access our website at www.elmers.com or call 1-888-435-6377. To place an order, call 1-800-848-9400.

Product Use:

Adhesive

Section 2 - Hazards Identification

Emergency Overview

This material may cause respiratory tract irritation, skin irritation, eye irritation, and allergic reactions.

Potential Health Effects: Inhalation

Short Term Exposure: irritation, cough

Long Term Exposure: irritation, lung damage

Potential Health Effects: Skin

Short Term Exposure: irritation, allergic reactions

Long Term Exposure: irritation, allergic reactions

Potential Health Effects: Eyes

Short Term Exposure: irritation

Long Term Exposure: irritation

Potential Health Effects: Ingestion

Short Term Exposure: irritation, fatigue, muscle weakness, difficulty breathing, allergic reactions

Long Term Exposure: irritation

Section 3 - Composition / Information on Ingredients

CAS #	Component	Percent
25085-99-8	Oxirane, 2,2'-4-butylidenebisphenyleneoxymethylene (DGEBA)	>1
Trade Secret	Mercaptan Polymer	>1
90-72-2	2,4,6-Tri(dimethylaminomethyl)phenol	>1

Component Information/Information on Non-Hazardous Components

This product is considered hazardous under 29 CFR 1910.1200 (Hazard Communication).

Section 4 - First Aid Measures

First Aid: Inhalation

If adverse effects occur, remove to uncontaminated area. Give artificial respiration if not breathing. Get immediate medical attention.

First Aid: Skin

If bonding occurs, immerse the bonded surfaces in warm soapy water. Peel or roll the surfaces apart using a blunt edge, such as a spatula or spoon handle. Do not pull surfaces apart with a direct opposing action. If burns occur, treat as thermal burns. Get medical attention, if needed.

First Aid: Eyes

If bonding to tissues occurs, wash with large amounts of warm water. Cover both eyes with sterile, dry bandages. The eye will open without further action. Do not pull surfaces apart with a direct opposing action. If burns occur, treat as thermal burns. Get medical attention.

First Aid: Ingestion

If a large amount is swallowed, get medical attention.

First Aid: Notes to Physician

For skin: mineral oil, vegetable oil, or petroleum jelly may help soften the bonding between skin surfaces. For skin contact, consider acetone or nitromethane.

Section 5 - Fire Fighting Measures

General Fire Hazards

See Section 9 for Flammability Properties.

Slight fire hazard.

Hazardous Combustion Products

Oxides of carbon, oxides of nitrogen

Extinguishing Media

Carbon dioxide, regular dry chemical, regular foam, water

Fire Fighting Equipment/Instructions

Wear protective clothing and equipment suitable for the surrounding fire, including helmet, face mask, and self-contained breathing apparatus. Move container from fire area if it can be done without risk. Do not scatter spilled material with high-pressure water streams. Dike for later disposal. Use extinguishing agents appropriate for surrounding fire. Avoid inhalation of material or combustion by-products. Stay upwind and keep out of low areas.

NFPA Ratings:

Health: 2 Fire: 1 Reactivity: 0

Hazard Scale: 0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

Section 6 - Accidental Release Measures

Containment Procedures

Stop leak if possible without personal risk.

Clean-Up Procedures

Wear appropriate personal protective equipment (impervious gloves). Absorb spill with sand or other non-combustible material. Collect spilled material in appropriate container for disposal.

Evacuation Procedures

Keep unnecessary people away, isolate hazard area and deny entry.

Special Procedures

Regulations vary. All waste material should be packaged, labeled, transported, and disposed of in accordance with federal and local regulations. Consult local authorities before disposal.

Section 7 - Handling and Storage

Handling Procedures

Avoid inhaling vapors or mists. Prevent contact with skin and eyes. Wash thoroughly after handling.

Storage Procedures

Store in accordance with all current regulations and standards. Shelf life is 12 months in a closed container. Keep separated from incompatible substances.

Section 8 - Exposure Controls / Personal Protection

A: Component Exposure Limits

ACGIH, OSHA, and NIOSH have not developed exposure limits for any of this product's components.

B: Exposure Limits for Chemicals which may be generated during processing

This material has no components listed.

Engineering Controls

Provide local exhaust ventilation system. Ensure compliance with applicable exposure limits.

PERSONAL PROTECTIVE EQUIPMENT**Personal Protective Equipment: Eyes/Face**

Wear splash resistant safety goggles with a faceshield. Provide an emergency eye wash fountain and quick drench shower in the immediate work area.

Personal Protective Equipment: Skin

Wear appropriate chemical resistant clothing and chemical resistant gloves.

Personal Protective Equipment: Respiratory

Under conditions of frequent use or heavy exposure, respiratory protection may be needed. Respiratory protection is ranked in order from minimum to maximum. Consider warning properties before use.

Any air-purifying half-mask respirator equipped with organic vapor cartridge(s) in combination with an N95, R95, or P95 filter. The following filters may also be used: N99, R99, P99, N100, R100 or P100.

Any air-purifying full-facepiece respirator (gas mask) with a chin-style, front-mounted or back-mounted organic vapor canister having an N100, R100, or P100 filter.

Any powered, air-purifying respirator with a tight-fitting facepiece, organic vapor cartridge(s) and high-efficiency particulate filter(s).

Any supplied-air respirator with a full facepiece that is operated in a pressure-demand or other positive-pressure mode.

For Unknown Concentrations or Immediately Dangerous to Life or Health -

Any supplied-air respirator with a full facepiece that is operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in pressure-demand or other positive-pressure mode.

Any self-contained breathing apparatus that has a full facepiece and is operated in a pressure-demand or other positive-pressure mode.

Personal Protective Equipment: General

Use good hygiene practices when handling this material including changing and laundering work clothes after use. A safety shower should be available.

Section 9 - Physical & Chemical Properties

Appearance: Light amber	Odor: Not available
Physical State: Liquid	pH: Not available
Vapor Pressure: Not available	Vapor Density: Not available
Boiling Point: Not available	Melting Point: Not available
Solubility (H₂O): Not available	Specific Gravity: 1.21 @25 C
Evaporation Rate: Not available	Viscosity: 14,000 cps @25 C
Octanol/H₂O Coeff.: Not available	Flash Point: Not flammable
Flash Point Method: Not available	Upper Flamm. Limit (UFL): Not available
Lower Flamm. Limit (LFL): Not available	Auto Ignition: Not available
Decomposition Temp.: Not available	Odor Threshold: Not available

Physical Properties: Additional Information

Shelf life: 12 months (closed container) @25 C

Section 10 - Chemical Stability & Reactivity Information
Chemical Stability

Stable at normal temperatures and pressure.

Chemical Stability: Conditions to Avoid

Avoid heat, flames, sparks and other sources of ignition. Avoid contact with incompatible materials.

Incompatibility

Acids, amines, bases, combustible materials, oxidizing materials

Hazardous Decomposition

Oxides of carbon, oxides of nitrogen

Possibility of Hazardous Reactions

Will not polymerize.

Section 11 - Toxicological Information**Acute Dose Effects**

Inhalation, skin, eye, and oral exposure may cause irritation. Exposure to skin may also cause allergic reactions.

A: Component Analysis - LD50/LC50

2,4,6-Tri(dimethylaminomethyl)phenol (90-72-2)

Oral LD50 Rat: 1000 mg/kg; Dermal LD50 Rat: 1280 mg/kg

Carcinogenicity

No information available for the mixture.

A: Component Carcinogenicity

None of this product's components are listed by ACGIH, IARC, OSHA, NIOSH, or NTP.

Section 12 - Ecological Information**Ecotoxicity**

No information available for the mixture.

A: Component Analysis - Ecotoxicity - Aquatic Toxicity

No ecotoxicity data are available for this product's components.

Section 13 - Disposal Considerations**US EPA Waste Number & Descriptions**

None known.

A: Component Waste Numbers

No EPA Waste Numbers are applicable for this product's components.

Disposal Instructions

Dispose in accordance with all applicable regulations.

See Section 7 for Handling Procedures. See Section 8 for Personal Protective Equipment recommendations.

Section 14 - Transportation Information**US DOT Information**

Shipping Name: This product is not regulated as a hazardous material for transportation.

Additional Info.: No additional information.

TDG Information

Shipping Name: This product is not regulated as a hazardous material for transportation.

Additional Info.: No additional information.

Section 15 - Regulatory Information**US Federal Regulations**

All the components of this substance are listed on or are exempt from the inventory.

A: Component Analysis

None of this products components are listed under SARA Section 302 (40 CFR 355 Appendix A), SARA Section 313 (40 CFR 372.65), or CERCLA (40 CFR 302.4).

Acute Health: Yes **Chronic Health:** Yes **Fire:** No **Pressure:** No **Reactive:** No

B: TSCA 12(b) Export Notification

Not listed.

State Regulations

Other state regulations may apply. Check individual state requirements.

A: Component Analysis - State

None of this product's components are listed on the state lists from CA, MA, MN, NJ, PA, or RI.

A: Component Analysis - WHMIS IDL

No components are listed in the WHMIS IDL.

Additional Regulatory Information

No additional information available.

A: Component Analysis - Inventory

Component	CAS #	TSCA
Oxirane, 2,2'-4-butylidenebisphenyleneoxymethylene (DGEBA)	25085-99-8	Yes
2,4,6-Tri(dimethylaminomethyl)phenol	90-72-2	Yes

Section 16 - Other Information

Other Information

No additional information.

MSDS History

New MSDS: 3/19/09

Key/Legend

ACGIH = American Conference of Governmental Industrial Hygienists; ADG = Australian Code for the Transport of Dangerous Goods by Road and Rail; ADR/RID = European Agreement of Dangerous Goods by Road/Rail; AS = Standards Australia; DFG = Deutsche Forschungsgemeinschaft; DOT = Department of Transportation; DSL = Domestic Substances List; EEC = European Economic Community; EINECS = European Inventory of Existing Commercial Chemical Substances; ELINCS = European List of Notified Chemical Substances; EU = European Union; HMIS = Hazardous Materials Identification System; IARC = International Agency for Research on Cancer; IMO = International Maritime Organization; IATA = International Air Transport Association; MAK = Maximum Concentration Value in the Workplace; NDSL = Non-Domestic Substances List; NFPA = National Fire Protection Association; NOHSC = National Occupational Health & Safety Commission; NTP = National Toxicology Program; STEL = Short-term Exposure Limit; TDG = Transportation of Dangerous Goods; TLV = Threshold Limit Value; TSCA = Toxic Substances Control Act; TWA = Time Weighted Average

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