

# MATERIAL SAFETY DATA SHEET

## **SECTION 1 – CHEMICAL PRODUCT AND COMPANY IDENTIFICATION**

Product Name	LEECAST E16046-1 Part A
Manufacturer	Leepoxy Plastics, Inc. 3706 W. Ferguson Road Fort Wayne, IN 46809
Telephone Number	(260) 747-7411
Emergency Telephone Number	(260) 625-4508
Date Prepared	May 2002

## **SECTION 2 – COMPOSITION/INFORMATION ON INGREDIENTS**

Component	CAS #	Exposure Limits
Bisphenol A diglycidyl ether	25085-99-8	None established

## **SECTION 3 – HAZARDS IDENTIFICATION**

Eye	May cause irritation and pain
Skin	Irritation, dermatitis may occur
Ingestion	Slightly harmful if ingested
Inhalation	May cause respiratory irritation
Chronic Effects	Not listed as human carcinogen by OSHA, IARC, or NTP

## **SECTION 4 – FIRST AID**

Eye	Hold eyelid open; flush with large volume of water for at least 15 minutes. If irritation develops, seek medical attention.
Skin	Immediately remove contaminated clothing. Flush with water for as long as 15 minutes. If irritation develops, seek medical attention.
Ingestion	No ingestion effects known. Never give anything by mouth to an unconscious person.
Inhalation	Move to fresh air. If breathing has stopped, perform artificial respiration. Seek medical attention.

## **SECTION 5 – FIRE FIGHTING MEASURES**

Flash Point (closed cup)	> 200 degrees F.
Flammable Limits	Lower explosion limit: No data Upper explosion limit: No data
Auto ignition temperature	No data
Extinguishing Media	Use water spray, ABC dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water to keep fire-exposed containers cool.
Special Fire Fighting Instructions	Firefighters should be equipped with butyl rubber boots, gloves, and body suit and a self-contained breathing apparatus.
Unusual Fire and Explosion Hazards	None known.

## **SECTION 6 – ACCIDENTAL RELEASE MEASURES**

Spill or Leak Procedures	Ventilate the spill area. Construct a dike to contain spreading. Absorb spill with sand or other inert absorbent and place into a disposal container. Flush area with water spray. Large quantities may be pumped into a closed, but not sealed, container for disposal.
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## **SECTION 7 – HANDLING AND STORAGE**

Handling	Avoid contact with skin and eyes. Process using adequate ventilation. Wash prior to eating, drinking, smoking and when leaving work.
Storage	Keep away from strong oxidizers, acids, and bases. Store in tightly closed container to prevent moisture contamination. Store in cool, dry area.

## **SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION**

Engineering Controls	No specific controls are needed.
Eye Protection	Chemical splash goggles
Skin Protection	Nitrile or other impervious rubber gloves. Long sleeved shirt and trousers.
Respiratory Protection	Not required under normal conditions in a well-ventilated work area.
Additional Protective Measures	Safety showers and eyewash stations should be available. Educate and train employees in the safe use of this product.

## **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

Appearance	Off white, low viscosity liquid
Odor	Slight
pH	No Data
Vapor Pressure (mm Hg)	No Data
Vapor Density (Air = 1)	No Data
Boiling Point	No Data
Melting Point	No Data
Solubility in Water	Negligible
Specific Gravity (Water = 1)	1.4

## **SECTION 10 – STABILITY AND REACTIVITY**

Chemical Stability	Stable
Conditions to Avoid	Do not expose to excessive heat or ignition sources.
Incompatibility	Avoid contact with strong oxidizing and reducing agents. Avoid contact with epoxy hardeners under uncontrolled conditions.
Hazardous Decomposition Products	Carbon monoxide, carbon dioxide, oxides of nitrogen, hydrogen cyanide, aliphatic and aromatic hydrocarbons.
Hazardous Polymerization	Will not occur

## **SECTION 11 – TOXICOLOGICAL INFORMATION**

No data available

## **SECTION 12 – ECOLOGICAL INFORMATION**

No data available

## **SECTION 13 – DISPOSAL CONSIDERATIONS**

Waste Disposal	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
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**SECTION 14 – TRANSPORTATION INFORMATION**

DOT Non-bulk Shipping Name	Resin Compound – Not DOT Regulated
IMO Shipping Data	Resin Compound – Not IMO Regulated
ICAO/IATA Shipping Data	Resin Compound -- Not IATA Regulated

**SECTION 15 – REGULATORY INFORMATION**

U.S. Federal Regulations

Toxic Substances Control Act (TSCA)  
All components are included in the EPA Toxic Substances Control Act (TSCA)  
Chemical Substance Inventory

EPA SARA Title III Section 312 (40 CFR 370) hazard class  
None

EPA SARA Title III Section 313 (40 CFR 372) toxic chemicals  
None

International Regulations

Canadian Environmental Protection Act (CEPA)  
Not on Inventory

Canadian WHMIS Hazard Classification  
Not applicable

Hazard Ratings

HMIS	Health	Flammability	Reactivity
	1	1	0

**SECTION 16 – OTHER INFORMATION**

**DISCLAIMER**

NOTICE: The information presented herein is based on data considered to be accurate as of the date of the presentation of this Material Safety Data Sheet. However, MSDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.