
LEGGARI

METALLIC EPOXY

Part B Safety Data Sheet

Table of Contents

Product Identification	1
Hazard Identification	2-3
Composition/Information on Ingredients	4
First-Aid Measures	5
Fire-Fighting Measures	6
Accidental Release Measures	7
Handling and Storage	8
Exposure Controls/Personal Protection	9
Physical and Chemical Properties	10
Stability and Reactivity	11
Toxicological Information	12-13
Ecological Information	14
Disposal Considerations	15
Transport Information	16
Regulatory Information	17
Other Information	18



1 | PRODUCT IDENTIFICATION



TRADE NAME (AS LABELED):

LEGGARI METALLIC EPOXY PART B

SUPPLIER/MANUFACTURER'S NAME:

LEGGARI PRODUCTS, LLC

ADDRESS:

**3105 E AINSWORTH AVE
WAREHOUSE 5, BAY 2
PASCO, WA 99301**

INFORMATION TELEPHONE:

800-250-4519

EMERGENCY TELEPHONE:

800-424-9300



CLASSIFICATION

ACUTE AQUATIC TOXICITY:	Category 2	SERIOUS EYE DAMAGE:	Category 1
CHRONIC TOXICITY DERMAL:	Category 4	SKIN CORROSION:	Category 1B
ACUTE TOXICITY INHALATION:	Category 4	SKIN SENSITIZER:	Category 1A
ACUTE TOXICITY ORAL:	Category 4	SPECIFIC TARGET ORGAN TOXICITY-REPEATED EXPOSURE:	Category 2
CHRONIC AQUATIC TOXICITY:	Category 3		



SIGNAL WORD

Danger

HAZARDOUS STATEMENTS

HEALTH

H312 - Harmful in contact with skin
 H332 - Harmful if inhaled
 H302 - Harmful if swallowed
 H314 - Causes severe skin burns and eye damage
 H317 - May cause an allergic skin reaction
 H373 - May cause damage to organs through prolonged or repeated exposure

ENVIRONMENTAL

H401 - Toxic to aquatic life
 H412 - Harmful to aquatic life with long lasting effects

PRECAUTIONARY STATEMENTS

GENERAL

P101 - If medical advice is needed, have product container or label at hand
 P102 - Keep out of reach of children
 P103 - Read label before use

PREVENTION

P273 - Avoid release to the environment
 P280 - Wear protective gloves/protective clothing/eye protection/face protection
 P271 - Use only outdoors or in a well-ventilated area
 P264 - Wash thoroughly after handling
 P270 - Do not eat, drink or smoke when using this product
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray
 P272 - Contaminated work clothing should not be allowed out of the workplace

RESPONSE

P302 + P352 - IF ON SKIN: Wash with plenty of water
 P312 - Call a POISON CENTER/doctor if you feel unwell
 P321 - Specific treatment (see section 4 on this SDS)
 P362 + P364 - Take off contaminated clothing. And wash it before reuse
 P304 + P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing



P301 + P312 - IF SWALLOWED: Call a POISON CENTER/doctor if you feel unwell

P330 - Rinse mouth

P305 + P351 + P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

P310 - Immediately call a POISON CENTER or doctor

P301 + P330 + P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting

P303 + P361 + P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower

P363 - Wash contaminated clothing before reuse

P333 + P313 - If skin irritation or a rash occurs: Get medical advice/attention

STORAGE

P405 - Store locked up

DISPOSAL

P501 - Dispose of contents/container to an approved waste disposal plant



SPECIFIC CHEMICAL IDENTITY AND/OR EXACT PERCENTAGE (CONCENTRATION) OF THE COMPOSITION HAS BEEN WITHHELD TO PROTECT CONFIDENTIALITY.

CHEMICAL NAME	CAS NO.	% by Weight
Benzyl Alcohol	0000100-51-6	35% - 65%
Cycloaliphatic Amine	PROPRIETARY	17% - 32%
Isophoronediamine	0002855-13-2	14% - 27%

Specific chemical identity and/or exact percentage (concentration) of the composition has been withheld to protect confidentiality.



INHALATION

Remove source of exposure or move person to fresh air and keep comfortable for breathing.

- If exposed/feel unwell/concerned: Call a POISON CENTER/doctor.

SKIN CONTACT

Rinse/wash with lukewarm, gently flowing water and mild soap for 15-20 minutes or until product is removed. If skin irritation occurs or you feel unwell: Get medical advice/attention.

- If exposed or concerned: Get medical advice/attention.

EYE CONTACT

Remove source of exposure or move person to fresh air. Rinse eyes cautiously with lukewarm, gently flowing water for several minutes, while holding the eyelids open. Remove contact lenses, if present and easy to do. Continue rinsing for a duration of 15-20 minutes. Take care not to rinse contaminated water into the unaffected eye or onto the face. If eye irritation persists: Get medical advice/attention.

INGESTION

Rinse mouth. Do NOT induce vomiting. Immediately call a POISON CENTER/doctor. If vomiting occurs naturally, lie on your side, in the recovery position.

- Give 3 or 4 glasses of milk or water to drink. Never give anything by mouth to an unconscious person.



SUITABLE EXTINGUISHING MEDIA

Dry chemical, foam, carbon dioxide water spray or fog is recommended. Water spray is recommended to cool or protect exposed materials or structures. Carbon dioxide can displace oxygen. Use caution when applying carbon dioxide in confined spaces. Simultaneous use of foam and water on the same surface is to be avoided as water destroys the foam. Sand or earth may be used for small fires only.

UNSUITABLE EXTINGUISHING MEDIA

If water is used, use very large quantities of cold water.

SPECIAL HAZARDS IN CASE OF FIRE

Excessive pressure or temperature may cause explosive rupture of containers.

FIRE-FIGHTING PROCEDURES

Isolate immediate hazard area and keep unauthorized personnel out. Stop spill/release if it can be done safely. Move undamaged containers from immediate hazard area if it can be done safely. Water spray may be useful in minimizing or dispersing vapors and to protect personnel. Water may be ineffective but can be used to cool containers exposed to heat or flame. Caution should be exercised when using water or foam as frothing may occur, especially if sprayed into containers of hot, burning liquid.

-Dispose of fire debris and contaminated extinguishing water in accordance with official regulations.

SPECIAL PROTECTIVE ACTIONS

Wear protective pressure self-contained breathing apparatus (SCBA) and full turnout gear.

Care should always be exercised in dust/mist areas.



EMERGENCY PROCEDURE

ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area).

DO NOT touch or walk through spilled material.

Isolate hazard area and keep unnecessary people away. Remove all possible sources of ignition in the surrounding area. Notify authorities if any exposure to the general public or the environment occurs or is likely to occur.

-If spilled material is cleaned up using a regulated solvent, the resulting waste mixture may be regulated.

RECOMMENDED EQUIPMENT

Appropriate dust or face mask to eliminate breathing foam dust particulates.

PERSONAL PRECAUTIONS

Avoid breathing vapors. Avoid contact with skin, eyes or clothing. Do not touch damaged containers or spilled materials unless wearing appropriate protective clothing.

ENVIRONMENTAL PRECAUTIONS

Stop spill/release if it can be done safely. Prevent spilled material from entering sewers, storm drains, other unauthorized drainage systems and natural waterways by using sand, earth, or other appropriate barriers.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

Soak up material with absorbent and shovel into a chemical waste container. Cover container, but do not seal, and remove from work area. Residues from spill cleanup may continue to be regulated under provisions of RCRA and require storage and disposal as hazardous waste. For major spills, call CHEMTREC (Chemical Transportation Emergency Center) at 800-424-9300.



GENERAL

Wash hands after use.

Do not get in eyes, on skin or on clothing.

Do not breathe vapors or mists.

Use good personal hygiene practices.

Eating, drinking and smoking in work areas is prohibited.

Remove contaminated clothing and protective equipment before entering eating areas.

Eyewash stations and showers should be available in areas where this material is used and stored.

Individuals with existing respiratory disease such as chronic bronchitis, emphysema, or asthma should not be exposed.

VENTILATION REQUIREMENTS

Use only with adequate ventilation to control air contaminants to their exposure limits. The use of local ventilation is recommended to control emissions near the source.

STORAGE ROOM REQUIREMENTS

Keep container(s) tightly closed and properly labeled. Store in cool, dry, well-ventilated areas away from heat, direct sunlight and incompatibilities. Store in approved containers and protect against physical damage. Keep containers securely sealed when not in use. Indoor storage should meet OSHA standards and appropriate fire codes. Containers that have been opened must be carefully resealed to prevent leakage. Empty container retain residue and may be dangerous.

-Store in tightly sealed containers to protect from atmospheric moisture. Store in a cool dry area. Store liquid in containers above ground and surround by dikes to contain spills or leaks.

-Do not cut, drill, grind, weld, or perform similar operations on or near containers.

**EYE PROTECTION**

Wear eye protection with side shields or goggles. Wear indirect-vent, impact and splash resistant goggles when working with liquids.

- If additional protection is needed for entire face, use in combination with a face shield.

SKIN PROTECTION

Use of gloves approved to relevant standards made from the following materials may provide suitable chemical protection: PVC, neoprene or nitrile rubber gloves. Suitability and durability of a glove is dependent on usage, e.g. frequency and duration of contact, chemical resistance of glove material, glove thickness, dexterity. Always seek advice from glove suppliers. Contaminated gloves should be replaced. Use of an apron and overboots of chemically impervious materials such as neoprene or nitrile rubber is recommended to avoid skin sensitization. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Launder soiled clothes or properly disposed of contaminated material, which cannot be decontaminated.

RESPIRATORY PROTECTION

If engineering controls do not maintain airborne concentrations to a level which is adequate to protect worker, a respiratory protection program that meets or is equivalent to OSHA 29 CFR 1910.134 and ANSI Z88.2 should be followed. Check with respiratory protective equipment suppliers.

- In poorly ventilated areas, a cartridge mask NIOSH approved for organic vapors is recommended under the following conditions: emergency situations, when product vapor concentration is greater than 20 ppm for a period longer than 15 min., during repair and cleaning of equipment, during transfer or discharge of the product.

APPROPRIATE ENGINEERING CONTROLS

Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective threshold limit value.



DENSITY:	8.49 lb/gal
SPECIFIC GRAVITY:	1.02
VOC REGULATORY:	0.00 lb/gal
VOC PART A & B COMBINED:	N.A.
APPEARANCE:	Liquid
ODOR THRESHOLD:	N.A.
ODOR DESCRIPTION:	Amine-like
PH:	N.A.
WATER SOLUBILITY:	N.A.
FLAMMABILITY:	N.A.
FLASH POINT SYMBOL:	N.A.
FLASH POINT:	96° C
VISCOSITY:	N.A.
LOWER EXPLOSION LEVEL:	N.A.
UPPER EXPLOSION LEVEL:	N.A.
VAPOR PRESSURE:	N.A.
VAPOR DENSITY:	Heavier than air
FREEZING POINT:	N.A.
MELTING POINT:	N.A.
LOW BOILING POINT:	200°C
HIGH BOILING POINT:	N.A.
AUTO IGNITION TEMP:	N.A.
DECOMPOSITION PT. :	N.A.
EVAPORATION RATE:	Slower than ether
COEFFICIENT WATER/OIL:	N.A.

**STABILITY**

Material is stable at standard temperature and pressure.

CONDITIONS TO AVOID

Heat, high temperature, open flame, sparks, and moisture. Contact with incompatible materials in a closed system will cause buildup of pressure.

HAZARDOUS REACTIONS/POLYMERIZATION

Will not occur.

INCOMPATIBLE MATERIALS

This product will react with epoxies, isocyanates, and strong oxidizing agents. Some reactions can be violent.

HAZARDOUS DECOMPOSITION PRODUCTS

Combustion products: organic vapors and thermal decomposition fragments.

**ACUTE TOXICITY:**

If ingested : In humans, irritation or chemical burns of the mouth, pharynx, esophagus and stomach can develop following ingestion, and injury may be severe and cause death.

- Harmful in contact with skin
- Harmful if inhaled
- Harmful if swallowed

ASPIRATION HAZARD:

- Based on available data, the classification criteria are not met.

CARCINOGENICITY:

- Based on available data, the classification criteria are not met.

GERM CELL MUTAGENICITY:

- Based on available data, the classification criteria are not met.

LIKELY ROUTES OF EXPOSURE:

Inhalation, Ingestion, Skin contact, Eye contact

0000100-51-6 BENZYL ALCOHOL

The substance can be absorbed into the body by inhalation of its vapour and by ingestion.

MISCELLANEOUS HEALTH EFFECTS

0000100 - 51- 6 BENZYL ALCOHOL

Inhalation of vapor may cause irritation of upper respiratory tract. Prolonged or excessive inhalation may result in headache, nausea, vomiting, and diarrhea. In severe cases, respiratory stimulation followed by respiratory and muscular paralysis, convulsions, narcosis and death may result. Ingestion may produce severe irritation of the gastrointestinal tract, followed by nausea, vomiting, cramps and diarrhea; tissue ulceration may result.

0000100 - 51- 6 BENZYL ALCOHOL

LC50(Inhalation, rat):>500 mg/m³; Toxic effects: Behavioral - somnolence (general depressed activity) Behavioral - ataxia Lungs, Thorax, or Respiration - respiratory depression; Reference: VCVGK* "Vrednie chemichescie veshstva, galogen I kislород sodergashie organicheskie soedinenia". (Hazardous substances. Halogen and oxygen containing substances), Bandman A.L. et al., Chimia, 1994. Volume (issue)/page/year: -,132,1984

LD50(Dermal, rabbit): 2000 mg/kg; VCVGK* "Vrednie chemichescie veshstva, galogen I kislород sodergashie organicheskie soedinenia". (Hazardous substances. Halogen and oxygen containing substances), Bandman A.L. et al., Chimia, 1994. Volume (issue)/page/year: -,132,1984

LD50(Oral, rat): 1230 mg/kg; Toxic effects: Behavioral - somnolence (general depressed activity) Behavioral - excitement Behavioral - coma

0002855-13-2 ISOPHORONEDIAMINE

LD50 (rat,oral): 1,030 mg/kg (based on raw material SDS)

REPRODUCTIVE TOXICITY:

- Based on available data, the classification criteria are not met.

RESPIRATORY/SKIN SENSITIZATION:

Exposure may cause mucous membrane and respiratory tract irritation, tightness of chest, headache, shortness of breath, and a dry cough. The effects of acute exposure may be delayed in onset up to 12-24 hours. Repeated exposure above current occupational limits may cause an allergic sensitization of the respiratory tract. This is characterized by an asthma-like response upon re-exposure to the chemical. The symptoms may include coughing, wheezing, shortness of breath and chest tightness.

- May cause an allergic skin reaction.

**SERIOUS EYE DAMAGE/IRRITATION:**

Any contact should not be left untreated.

- Causes serious eye damage

0000100-51-6 BENZYL ALCOHOL

- Contact with eyes causes local irritation.

SKIN CORROSION/IRRITATION:

Causes severe skin burns and eye damage.

SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE:

Repeated exposure generally aggravates the following medical conditions : Cardiovascular disease and Chronic respiratory disease.

- May cause damage to organs through prolonged or repeated exposure.

SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE:

- Based on available data, the classification criteria are not met.



Toxicity	Toxic Harmful to aquatic life with long lasting effects
Persistence and Degradability	0000100-51-6 BENZYL ALCOHOL Readily biodegradable.
Bioaccumulative Potential	0000100-51-6 BENZYL ALCOHOL No potential for bioaccumulation.
Mobility in Soil	No data available
Other Adverse Effects	No data available
Bioaccumulative Potential	0000100-51-6 BENZYL ALCOHOL No potential for bioaccumulation.
Results of the PBT and vPvB assessment	0000100-51-6 BENZYL ALCOHOL The substance is not PBT / vPvB.



WASTE DISPOSAL:

Under RCRA, it is the responsibility of the user of the product, to determine at the time of disposal whether the product meets RCRA criteria for hazardous waste. Waste management should be in full compliance with federal, state, and local laws.

Empty containers retain product residue which may exhibit hazards of material, therefore do not pressurize, cut, glaze, weld or use for any other purposes. Return drums to reclamation centers for proper cleaning and reuse.



U.S. DOT INFORMATION

UN/NA #: 2735

UN Proper Shipping Name: AMINE, LIQUID, CORROSIVE, N.O.S. (ISOPHORONEDIAMINE)

HAZARD CLASS: 8

PACKING GROUP: III

PLACARD: CORROSIVE

IMDG INFORMATION

UN/NA #: 2735

UN Proper Shipping Name: AMINE, LIQUID, CORROSIVE, N.O.S. (ISOPHORONEDIAMINE)

HAZARD CLASS: 8

PACKING GROUP: III

PLACARD: CLASS CORROSIVE

MARINE POLLUTANT: NO DATA AVAILABLE

IATA INFORMATION

UN/NA #: 2735

UN Proper Shipping Name: AMINE, LIQUID, CORROSIVE, N.O.S. (ISOPHORONEDIAMINE)

HAZARD CLASS: 8

PACKING GROUP: III

PLACARD: CLASS CORROSIVE



CAS	Chemical Name	% By Weight	Regulation List
0000100-51-6	BENZYL ALCOHOL	35% - 65%	DSL, SARA312, VOC, TSCA
0002855-13-2	ISOPHORONEDIAMINE	14% - 27%	DSL, SARA312, VOC, TSCA



NOTE

As per GHS, category 1 is the greatest level of hazard within each class.

GLOSSARY

ACGIH- American Conference of Governmental Industrial Hygienists; ANSI- American National Standards Institute; CA Prop65- California Proposition 65; Canadian TDG- Canadian Transportation of Dangerous Goods; CAS- Chemical Abstract Service; Chemtrec- Chemical Transportation Emergency Center (US); CHIP- Chemical Hazard Information and Packaging; DSL- Domestic Substances List; EC- Equivalent Concentration; EH40 (UK)- HSE Guidance Note EH40 Occupational Exposure Limits; EPCRA- Emergency Planning and Community Right-To-Know Act; ESL- Effects screening levels; HMIS- Hazardous Material Information Service; LC- Lethal Concentration; LD- Lethal Dose; NFPA- National Fire Protection Association; OEL- Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL- Permissible Exposure Limit; SARA (Title III)- Superfund Amendments and Reauthorization Act; SARA 313- Superfund Amendments and Reauthorization Act, Section 313; SCBA- Self-Contained Breathing Apparatus; STEL- Short Term Exposure Limit; TCEQ- Texas Commission on Environmental Quality; TLV- Threshold Limit Value; TSCA- Toxic Substances Control Act Public Law 94-469; TWA- Time Weighted Value; US DOT- US Department of Transportation; WH-MIS- Workplace Hazardous Materials Information System.

ACGIH - American Conference of Governmental Industrial Hygienists; CAS - Chemical Abstracts Service ; Chemtrec - Chemical Transportation Emergency Center; DSL - Domestic Substances List; ESL- Effects screening levels; GHS - "Globally Harmonized System of Classification and Labelling of Chemicals" developed by the United Nations; HMIS - Hazardous Material Information Service; IATA - Dangerous Goods Regulations (DGR) for the air transport (IATA); IMDG - International Maritime Dangerous Goods Code; LC - Lethal Concentration; LD - Lethal Dose; NFPA - National Fire Protection Association; OEL - Occupational Exposure Limits; OSHA- Occupational Safety and Health Administration, US Department of Labor; PEL - Permissible Exposure Limit; SARA 313 - Superfund Amendments and Reauthorization Act, Section 313; SCBA - Self Contained Breathing Apparatus; ppm - parts per million; STEL - Short-term exposure limit; TLV - Threshold Limit Value; TSCA - Toxic Substances Control Act Public Law 94-469; TWA - Time-weighted average; US DOT- US Department of Transportation.

Prepared by:

LEGGARI PRODUCTS LLC

Revision Date:

JANUARY 2022

DISCLAIMER:

Leggari Products, LLC believes, to the best of its knowledge, the information contained herein to be accurate and reliable as of the date of this safety data sheet. However, because the conditions of handling, use, and storage of these materials are beyond our control, we assume no responsibility or liability for personal injury or property damage incurred by the use of these materials. Leggari Products, LLC makes no warranty, expressed or implied, regarding the accuracy or reliability of the data or results obtained from their use. All materials may present unknown hazards and should be used with caution. The information and recommendations in this material safety data sheet are offered for the users' consideration and examination. It is the responsibility of the user to determine the final suitability of this information and to comply with all applicable international, federal, state, and local laws and regulations.