

Disposal: P501 Dispose of contents/ container to an approved waste disposal plant.

Potential Health Effects

Carcinogenicity:

IARC No ingredient of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

OSHA No ingredient of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

NTP No ingredient of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

SECTION III - COMPOSITION/INFORMATION ON INGREDIENTS

Substance / Mixture: Mixture

Hazardous ingredients

Chemical Name	CAS-No.	Concentration [%]
Epoxy resin	25068-38-6	70 - 90
butyl 2,3-epoxypropyl ether	2426-08-6	5 - 10
Silica, amorphous fumed	112945-52-5	1 - 5

SECTION IV - FIRST-AID MEASURES

General advice: Show this material safety data sheet to the doctor in attendance.

Inhalation: Move to fresh air. If symptoms persist, call a physician.

Skin contact: Wash off with soap and water. Get medical attention immediately if irritation develops and persists. Remove contaminated clothing and shoes. Wash contaminated clothing before reuse.

Eye contact: Flush eyes with water at least 15 minutes. Get medical attention if eye irritation develops or persists.

Ingestion: Do NOT induce vomiting. If victim is fully conscious, give a cupful of water. Never give anything by mouth to an unconscious person. Obtain medical attention.

SECTION V - FIRE-FIGHTING MEASURES

Extinguishing media: Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

Special information: Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Recommended firefighting procedures: In the event of fire, wear self-contained breathing apparatus. Use personal protective equipment.

SECTION VI - ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment, and emergency procedures: Refer to protective measures listed in sections 7 and 8.

Environmental precautions: Prevent product from entering drains. Do not flush into surface water or sanitary sewer system.

Methods and materials for containment and cleaning up:

Soak up with inert absorbent material. Shovel into suitable container for disposal.

SECTION VII - HANDLING AND STORAGE

Technical measures: Not applicable
Advice on safe handling: No special precautions required.
Conditions for safe storage: Keep in a dry, cool place.
Materials to avoid: No special restrictions on storage with other products.

SECTION VIII - EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protective equipment

Respiratory protection: No personal respiratory protective equipment normally required.
Hand protection Material: Nitrile rubber
Eye protection: Safety glasses
Skin and body protection: Remove and wash contaminated clothing before re-use.
Protective measures: Avoid contact with skin.
Hygiene measures: Avoid contact with skin, eyes and clothing.

Ingredients with workplace control parameters

Ingredients	CAS-No.	Value type (Form of exposure)	Control parameters / Permissible concentration	Basis
butyl 2,3-epoxypropyl ether	2426-08-6	TWA	3 ppm	ACGIH
		TWA	50 ppm 270 mg/m ³	OSHA Z-1
		TWA	25 ppm 135 mg/m ³	OSHA P0
Silica, amorphous fumed	112945-52-5	TWA (Dust)	20 Million particles per cubic foot	OSHA Z-3
		TWA (Dust)	80 mg/m ³ / %SiO ₂	OSHA Z-3

SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Liquid	Freezing/melting point:	Not determined
Lower/upper explosive limits:	Not determined	Boiling point/range:	Not determined
Odor:	Sweet	Flash point:	Not applicable 173°F
Odor threshold:	No data available	Evaporation rate:	Not determined
Vapor pressure (mm Hg):	Not determined	Density:	9.50 - 9.70 lb/gal
Flammability (solid, gas):	Not classified as a flammability hazard	Partition coefficient: n-octanol / water:	No data available
pH:	Not applicable	Auto-ignition temperature:	Not determined
Solid Content, % by weight:	100	Decomposition temperature:	No data available
Solubility in water:	Not determined	Viscosity:	Not determined

SECTION X - STABILITY AND REACTIVITY

Chemical stability: The product is chemically stable.
Conditions to avoid: Not applicable
Hazardous decomposition or byproducts: Stable under normal conditions.

SECTION XI - TOXICOLOGICAL INFORMATION

Skin corrosion/irritation:	No data available	Germ cell mutagenicity:	No data available
Serious eye damage/eye irritation:	No data available	Carcinogenicity:	No data available
Respiratory or skin sensitization:	No data available	Reproductive toxicity:	No data available
Aspiration toxicity:	No data available		
STOT-repeated exposure:	No data available		
STOT-single exposure:	No data available		

Acute toxicity:

Product:

Acute oral toxicity:	Acute toxicity estimate : 3,209 mg/kg Method: Calculation method	Acute inhalation toxicity:	Acute toxicity estimate : > 40 mg/l Exposure time: 4 h Test atmosphere: vapor Method: Calculation method
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Ingredients:

butyl 2,3-epoxypropyl ether:
Acute inhalation toxicity: LC50 rat: 24 mg/l
Exposure time: 4 h

SECTION XII - ECOLOGICAL INFORMATION

Bioaccumulative potential:	No data available	Mobility in soil:	No data available
Ecotoxicity:	No data available	Other adverse effects:	No data available
Persistence and degradability:	All ingredients are biodegradable.		

SECTION XIII - DISPOSAL CONSIDERATIONS

Waste Disposal Method
Waste from residues: To the best of our knowledge, this product does not meet the definition of hazardous waste under the U.S. EPA Hazardous Waste Regulations 40 CFR 261. Disposal via incineration at an approved facility is recommended, as industry best practice. Consult state, local or provincial authorities for more restrictive requirements.

SECTION XIV – TRANSPORT INFORMATION

Land Transport ADR/RID and GGVS/GGVE (Cross Border / Domestic)	Not regulated	Air Transport ICAO-TI and IATA-DGR:	Not regulated
Maritime Transport IMDG/GGV Sea:	Not regulated	UN number:	None

SECTION XV – REGULATORY INFORMATION

Clean Air Act:	This product does not contain any hazardous air pollutants (HAP), as defined by the U.S. Clean Air Act Section 12 (40 CFR 61).		
TCSA Status:	All ingredients are listed on the TSCA inventory		
SARA Title III, Section 302 Extremely Hazardous Substances:	SARA 302: No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.	SARA Title III, Section 311/312 Hazard Categories:	Fire Hazard Acute Health Hazard Chronic Health Hazard
SARA Title III, Section 313 Toxic Chemical:	SARA 313: This product does not contain any chemical components that exceed the reporting threshold.		
US State Regulations California Prop 65:	WARNING: This product contains a chemical known in the State of California to cause birth defects or other reproductive harm.	butyl 2,3-epoxypropyl ether	2426-08-6
DSL:	All ingredients are listed.		
Reach:	Not in compliance with the inventory		
AICS	On the inventory, or in compliance with the inventory		
NZIoC	Not in compliance with the inventory		
ENCS	On the inventory, or in compliance with the inventory		
KECI	On the inventory, or in compliance with the inventory		
PICCS	On the inventory, or in compliance with the inventory		
IECSC	On the inventory, or in compliance with the inventory		
TWINV	Not in compliance with the inventory		
Inventories Legend	TSCA (USA), DSL (Canada), REACH(Europe), AICS (Australia), NZIoC (New Zealand), ENCS (Japan), KECI (Korea), PICCS (Philippines), IECSC (China), TWINV (Taiwan)		

SECTION XVI – OTHER INFORMATION

Further information**NFPA:****HMIS III:**

HEALTH	3*
FLAMMABILITY	2
PHYSICAL HAZARD	0

0 = not significant, 1 =Slight,
2 = Moderate, 3 = High
4 = Extreme, * = Chronic

Date prepared:

2016-03-05

This safety data sheet is intended to provide a brief summary of our knowledge and guidance regarding the use of this material. It is not meant to be an all-inclusive document on worldwide hazard communication regulation. This information is believed to be accurate as of the date issued. Each user of this material needs to evaluate the conditions of use and design the appropriate protective mechanisms to prevent exposures, property damage, or release to the environment. No warranty is expressed or implied with respect to the information herein supplied, and no responsibility for injury to the recipient or third persons, or for any damage to any property is assumed.