

Safety Data Sheet

according to Regulation (EC) No 1907/2006 (REACH)

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SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Epoxy Putty
REACH registration number: No information available
Product type: Epoxy Adhesive
Region: China
Company name: Huzhou Longtong Chemical Co., Ltd
Company address: 1-3# No.969 Qing fang Road, Huzhou Zhejiang China.
Post code: 313000
Phone: 0086-572-2109399
Fax: 0086-572-2352225
Email: Sales@chemtg.com
Website: www.visbella.com
Emergency: 0086-572-2109399

SECTION 2. HAZARDS IDENTIFICATION

Classification according to Regulation (EC) No.1272/2008 [CLP]

Potential Health Effects

Inhalation: May be irritating on inhalation.
Skin contact: Irritation and possible sensitization.
Eye contact: Irritation, including redness burning, tearing, and blurred vision.
Ingestion: May cause irritation to the mouth and throat, nausea, vomiting and diarrhea.
Routes of Exposure: Eye, Skin, inhalation, Ingestion.

Label elements:

Symbols/Pictograms:



Hazard Statements

H315: Causes skin irritation
H319: Causes serious eye irritation
H317: May cause an allergic skin reaction
H400: Very toxic to aquatic life
H413: May cause long lasting harmful effects to aquatic life
EUH071: Corrosive to the respiratory tract

Precautionary Statements

P102: Keep out of the reach of children
P103: Read label before use
P262: Do not get in eyes, on skin, or on clothing
P273: Avoid release to the environment
P280: Wear protective gloves.

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

The ingredient list for the finished product(s):

Chemical Name	CAS#	EC#(EINECS#)	Amount%
1.Epoxy Resin	25068-38-6	/	15
2.Silicon Dioxide(SiO ₂)	7631-86-9	231-545-4	40
3.Calcium Carbonate(CaCO ₃)	1317-65-3	/	29
4. Diethylenetriamine	111-40-0	203-865-4	8
5. Methyl acrylate	96-33-3	202-500-6	5
6. Pyromellitic dianhydride	89-32-7	201-898-9	3

SECTION 4. FIRST AID MEASURES

Inhalation: Move to fresh air. Work in a well ventilated place.

Skin contact: Wash with soap and water. If skin irritation persists, seek medical attention.

Eye contact: Flush eye with plenty of cold water for at least 15 minutes. Do not rub eyes. Get medical attention immediately.

Ingestion: Do not induce vomiting. Have victim rinse out mouth with water. Drink large amounts of water followed by milk if available. Obtain medical attention.
If vomiting should occur spontaneously, keep airway clear, keep head above hips to prevent aspiration. For advice, contact a Poisons Information Center or a doctor (at once).

Advice to Doctor: Treat symptomatically and supportively.

SECTION 5. FIRE-FIGHTING MEASURES

- Flammable properties:** Incombustible
- Extinguishing media:** Small Fire: Use dry chemical, CO₂, water or foam extinguisher.
Large Fire: Evacuate area and call Fire Department immediately.
- Special firefighting procedures:**
Firefighters should wear positive pressure Self-Contained breathing apparatus and full protective clothing for fires in areas where chemicals are used or stored.
- Unusual fire or explosion hazards:** None known.

SECTION 6. ACCIDENTAL RELEASE MEASURE

- Spill or Leak Procedures:** Pick up released product with appropriate implements and return to original container if reusable. If not reusable, place in appropriate containers for disposal. Appropriate personal protective equipment cited in Section 8 should be worn during all clean-up operations.
- Regulatory Requirements:** Follow applicable federal, state, or local regulations.

SECTION 7. HANDLING AND STORAGE

- Handling:** Avoid contact with eyes, skin and clothing. Avoid breathing vapors or fumes. Take appropriate precautions against inhalation of dust particles. Use only with adequate ventilation. Use protective glasses and protective gloves to avoid personal contact. Wash thoroughly after handling. Keep container closed when not in use. Keep out of reach of children.
- Storage:** Store in original, labeled container at room temperature.
Do not store near fire or overheated place.
Do not store near food or feed.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- Engineering controls:** Do not inhale vapours. Use in well ventilated areas. In poorly ventilated areas, mechanical extraction ventilation is recommended, Maintain dust levels below the recommended exposure standard.
- Personal Protective Equipment**
- Respiratory :** Not needed in normal use with proper Ventilation.
- Skin :** Use polyethylene gloves for prolonged use. Launder soiled clothing before re-use.
- Eye:** Use safety glasses with side shields. Contact with eyes may cause irritation or burns.
- Other:** Eye wash should be available.
- Hygiene Measures:** Use only with adequate ventilation. Wash thoroughly after handling.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Putty
Color:	Black and white
Odor:	Slight odor
Viscosity:	Highly viscous
PH-Value:	Not available
Boiling point/range:	Not available
Flash Point:	Not available
Self-Igniting:	Not available
Danger of Explosion:	Not happen under normal use
Relative Density (H₂O=1):	1.7+/-0.1
Relative Vapor Density(AIR=1):	Not available
Evaporation rate:	Not available
Solubility in water:	Insoluble

SECTION 10. STABILITY AND REACTIVITY

Stability:	Stable under normal temperatures and pressures.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	Oxides of carbon., nitrogen, sulfur and unknown organic compounds.
Incompatibility (Materials to Avoid):	Strong oxidizing agents, strong acids.
Conditions to avoid:	Open flame or excessive heat.

SECTION 11. TOXICOLOGICAL INFORMATION

Product toxicity data:

Epoxy Rein

Oral LD50(rat):

11.4g/kg

Dermal LD50(rabbit): >20ml/kg

GPM-888

Skin Irritation(rabbit): 4.8/8

Silicon Dioxide(SiO₂)

IPN-RAT LD50: 50mg/kg

IVN-RAT LD50: 15mg/kg

Calcium Carbonate(CaCO₃)

Dust may cause irritation. Typical TLV/TWA:10mg/m³

Carcinogenicity:

None known

Matagenicity:

None known

Reproductive Toxicity:

None known

Chronic Toxicity:

May cause sensitization by skin contact

Sensitization:

The epoxy resin has been shown to cause sensitization in laboratory animals.

Medical Conditions Aggravated by Exposure:

Persons with pre-existing skin or lung disorders may be at increased risk from exposure to this product.

SECTION 12. ECOLOGICAL INFORMATION

Mobility:	Insoluble in water
Bioaccumulation:	None known
Persistence and Degradability:	None known

SECTION 13. DISPOSAL CONSIDERATIONS

Waste Disposal Method: Dispose of completely cured (or polymerized) wastes in a sanitary landfill. As a disposal alternative, dispose of waste product in a facility permitted to accept chemical waste. Since regulations vary, consult applicable regulations or authorities before disposal.

SECTION 14. TRANSPORT INFORMATION

Hazard class:	Non hazardous
Air(IATA):	Not Regulated
Ocean(IMDG):	Not Regulated

SECTION 15. REGULATORY INFORMATION

European/International Regulatory Information

European Labeling in Accordance with Accordance with EC Directives

Hazard Statements

H302	Harmful if swallowed
H315	Causes skin irritation
H319	Causes serious eye irritation
H317	May cause an allergic skin reaction

Precautionary Statements

P102	Keep out of the reach of children.
P403 + P235	Store in a well-ventilated place. Keep cool.
P262	Do not get in eyes, on skin, or on clothing.

Other: Refer to all applicable national, international and local regulations or provisions.

For detailed regulations, contact the appropriate agency in your country.

SECTION 16. OTHER INFORMATION

Huzhou Longtong Chemical believes that the information contained herein (including data and statements) is accurate as of the date hereof NO WARRANTY OF MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, IS MADE AS CONCERNS THE INFORMATION HEREIN PROVIDED. The information is based on our present knowledge.

However, this not a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

Abbreviations and acronyms:

CLP=Classification, Labelling and Packing Regulation [Regulation (EC) No. 1272/2008]

PBT=Persistent, Bioaccumulative and Toxic

vPvB=Very Persistent and Very Bioaccumulative

N/A=Not Applicable

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