



# MSDS

Report No.: HLF22007621E

Report Date: Jul 21, 2022

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# Material Safety Data Sheet (MSDS)

**Samples Name:** Injection reinforcement glue

**Model:** /

**Item Number:** /

**Client Name:** Shibang (Shanghai) Industrial Co., Ltd

**Address:** 606,building 6,No.1678, Jinshajiang Road, Putuo District, Shanghai

**Post Code:** /

Reviewed by:

Lab Senior Engineer

Authorized Signature:

Technology Manager

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## Section 1 - Chemical Product and Company Identification

**Product Name:** See item 3

**Manufacture:** /

**Address:** /

**Contact Person:** Wang Xiaohu

**Tel:** /

**Fax:** /

**Email:** 9423666277@qq.com

## Section 2 - Hazards Identification

**Fatalness grade:**

**GHS Dangerous category:**

Skin corrosion / irritation category 2

Severe eye injury / ocular stimulation category 2

Skin sensitizer category 1

**Tag elements:**



figurative graph:

**Warning words:** Warning

**Dangerous description:**

H315 Cause skin irritation

H319 Cause severe eye irritation

H317 May lead to skin allergic skin reactions

**Prevention instructions:**

- **preventive measure:**
  - P264 Clean it thoroughly after the operation.
  - P280 Wear protective gloves / wear protective clothing / wear protective eye mask / wear protective mask.
  - P261 Avoid inhalation of dust / smoke / gas / smoke / vapor / spray.
  - P272 Infected work clothes shall not be taken out of the workplace.
- **Accident response:**
  - P302+P352 If skin contamination:, wash with water.

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- P321 For specific treatment (see this label. ....).
- P332+P313 In case of skin irritation: seek medical treatment / seek medical treatment.
- P362+P364 Take off the stained clothes and clean them before reuse
- P305+P351+P338 If entering the eyes: carefully rinse with water for a few minutes. If wearing a contact lens and can easily remove, remove the contact lens. Continue to rinse.
- P337+P313 If you still feel eye stimulation: seek medical treatment / seek medical treatment.
- P333+P313 In case of skin irritation or rash: seek medical attention / visit.

- **Safe storage:**

- Not have

- **Waste disposal:**

- P501 Disposal of internal loads / containers as per local regulations.

**Invasion route:** Inhalation, ingestion, percutaneous absorption

**Health hazards:** Cause skin irritation. Cause severe eye irritation. May lead to skin allergic skin reactions

**Environment hazards:** Non-available.

## Section 3 –Composition/Information on Ingredient

Pure

Admixture ■

Composition:

Chemical name	The molecular formula	Molecular weight	Component ratio (%)	CAS.	EC.
BISPHENOLA DIGLYCIDYL ETHER RESIN 2,	C21H24O4	340	45	1675-54-3	216-823-5
hardener	--	--	5	--	--
Silicon dioxide	SiO2	60	50	14808-60-7; 112945-52-5;	215-683-2; 238-878-4

## Section 4 - First Aid Measures

**Give first aid treatment:**

**Inhalation:** Fresh air, rest, and give medical care.

**Skin contact:** Remove the contaminated clothes, rinse, and wash the skin with water and soap.

**Eye contact:** Rinse with a lot of water for a few minutes (if possible, remove contact lenses) and seek medical attention.

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**Eat in:** gargle, drink a lot of water, and seek medical attention.

**Advice to protect rescuers:** Move patients to a safe place.ref.phys. Show this chemical safety technical specification to the doctor at the site.

**Special tips for the doctor:** No information

## Section 5 - Fire Fighting Measures Danger

### Annihilator:

Fire it out with water mist, dry powder, foam or carbon dioxide extinguishing agent.

Avoid using direct water to extinguish the fire, which may cause flammable liquids to spread the fire.

### Especially dangerous:

combustible.

### Fire extinguishing precautions and protective measures:

Dry powder, foggy water, foam, carbon dioxide.

## Section 6 –Accidental Release Measures

Protective measures, protective equipment and emergency handling procedures for operators:

ventilate. Collect the leak in a airtight container whenever possible. Wash the residue liquid with large amounts of water. Personal protective equipment: a filter respirator for organic steam and steam.

**Environmental protection measures:** shelter the leaks to avoid environmental pollution. Prevent leaks from entering sewers, surface water, and groundwater.

### Receiving and removal methods of leaking chemicals and disposal materials used:

**Small leakage:** Collect the leaking liquid in a airtight container whenever possible. Absorbed with sand, activated carbon or other inert materials and transferred to safe places. No flushing into the sewer.

**Large lot of leakage:** building embankments or digging holes for shelter. Close the drainage pipe. Cover with a foam to inhibit evaporation. Transfer with an explosion-proof pump to the tank truck or special collector, recycled or transported to the waste disposal site for disposal.

## Section 7 - Handling and Storage

**Handling:** No open fire.

Operators shall be specially trained and strictly observe the operating procedures.

Operational disposal shall be conducted in places with local ventilation or comprehensive ventilation facilities.

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Avoid contact between the eye and the skin, and avoid inhaling the vapor.

See Part 8 for individual protection measures.

Stay away from fire and heat source, and smoking is strictly prohibited in the workplace.

Use explosion-proof-type ventilation systems and equipment.

If canned, the flow rate shall be controlled and grounded to prevent static accumulation.

Avoid contact with prohibited compounds such as oxidants (see part 10 for prohibited compounds).

Light loading and light unloading when handling, to prevent damage to packaging and containers.

The emptied container may remain harmful substances.

Wash your hands after use and avoid eating in the workplace.

Equipped with the corresponding varieties and quantity of fire-fighting equipment and leakage emergency treatment equipment

**Storage:** Store separately from strong oxidants

## Section 8 - Exposure Controls, Personal Protection

**Maximum admissible concentration:** /

**Monitoring Method:** /

**Engineering Control:** Closed operation, local exhaust. Safety shower and eyewash equipment

**Respiratory Protection:** A dust filter device

**Eyes Protection:** Protection is the respiratory system.

**Body Protection:** Wear appropriate protective clothing

**Hands Protection:** Need to wear nitrile gloves

**Other Protections:** No smoking, dining and drinking water in the workplace. Keep good habit of hygiene

## Section 9 - Physical and Chemical Properties

**Appearance:** Liquid

**Color:** Red

**Odor:** Tasteless

**Packing density:** No data.

**Boiling Point:** No data.

**Melting Point:** No data.

**Flashpoint:** No data.

**Vapour pressure:** No data.

**Solubility in water:** No data.

**Partition coefficient (n-octanol / water):** No data.

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**Viscosity:** No data.

**PH Value:** No data.

**Permission of solvent inhalation:** No data.

**Solubility:** No data.

## Section 10 - Stability and Reactivity

**Stability:** Stable under normal temperature and pressure.

**Distribution of Ban:** Strong oxidizer, strong acid.

**Conditions to Avoid:** Not applicable.

**Hazardous Polymerization:** The substance may produce explosive peroxides. Reacting with strong oxidants

**Hazardous Decomposition Products:** Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## Section 11 - Toxicological Information

**Acute Toxicity:** Oral: LD50 Rat oral 11,300 uL / kg

**Sub-acute and Chronic Toxicity:** No data.

**Irritation:** No data.

**Sensitization:** No data.

**Mutagenicity:** No data.

**Carcinogenicity:** No data.

Specific target organ system toxicity of — primary contact:

The substance stimulates the eyes and the skin. Contact can cause reduced awareness.

Specific target organ system toxic — repeated exposure:

Repeated or long-term contact with the skin may cause dermatitis. Repeated or long-term exposure may cause a skin allergy.

inhalation hazard:

The rate at which the material evaporates reaches harmful pollution concentration in air at 20°C is not indicated.

## Section 12 - Ecological Information

**Eco-toxicity:** No known significant effects or critical hazards.

**Biodegradable:** No applicable.

**Non-biodegradable:** No applicable.

**Bioconcentration or biological accumulation:** No applicable.

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**Other harmful effects:** No known significant effects or critical hazards.

## Section 13 - Disposal Considerations

**Waste disposal method:** No unified national regulations on the remnants of the disposal of chemicals, chemical residues in general do special waste. Refer to the national and local relevant regulations should be prior to disposal. Suggest that contact the local qualified waste disposal companies, processing according to their opinions

## Section 14 - Transport Information

**This product is not considered hazardous for transportation**

**Number of dangerous goods:** No applicable.

**UN Number:** No data.

**Packaging Mark:**

**Packaging Method:**

**Transport Attentions:**

Transport vehicles shall be equipped with corresponding varieties and quantity of fire fighting equipment and leakage emergency treatment equipment.

It is strictly prohibited to mix and transport with oxidants and edible chemicals.

The vehicle exhaust pipe carrying the item must be equipped with a fire resistance device.

When using the tank (tank) vehicle, there should be a grounding chain, and the hole partition can be set in the tank to reduce the static electricity generated by shock.

Do not use mechanical equipment and tools that are easy to generate sparks.

Morning and evening transportation is best in summer.

Transportation should be prevented from exposure, rain, to prevent high temperature.

Halover should be far away from fire, heat source and high temperature area.

Highway transport should be driven according to the prescribed routes, do not stay in residential areas and densely populated areas.

Saway should be prohibited during railway transport.

Bulk transport is strictly prohibited by wooden ships and cement ships.

Hazard signs and announcements shall be posted on the means of transport according to the relevant transport requirements.

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## Section 15 - Regulatory Information

### Regulatory Information:

ISO 11014-2009 Safety data sheet for chemical products - Content and order of sections.

Regulation (EC) No.1272/2008 Classification, Labeling and Packaging of Substances and Mixtures.

The International Maritime Dangerous Goods (IMDG) Code.

## Section 16 - Additional Information

The above information is based on the data of which we are aware and is believed to be correct as of the data hereof. Since this information may be applied under conditions beyond our control and with which may be unfamiliar and since data made available subsequent to the data hereof may suggest modifications of the information, we do not assume any responsibility for the results of its use. This information is furnished upon condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose.

\*\*\*\*\*End of MSDS\*\*\*\*\*

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