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Safety Data Sheet

Sample Description: Epoxy Resin Hardener

Client: foshanshiyikanmaoyiyouxiangongsi

Address: Room 1402-2, Building 4, Honghui Urban Industrial New City, No. 65, Guiping Middle Road, Guicheng Street, Nanhai District, Foshan City (Residence Application)

Approved by Jure. Liu

Date Mar 24, 2023



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Section 1-Chemical product and company identification**1.1 Product identification**

- **Product Name:** Epoxy Resin Hardener
- **Product model:** /
- **Trademark:** ISTOYO

1.2 Product recommendations and restricted uses

Product determine uses: Artwork and handicrafts, decoration, architecture

1.3 Manufacturer Information

Manufacturer's name: Shenzhen Jinhua Electronic Materials Co., Ltd

Manufacturer's address : o. 2, 3rd Floor, Building 17, Jiangwei Second Industrial Zone, Jiangshi Community, Gongming Office, Guangming New District, Shenzhen

Telephone: 15989551716

FAX: /

E-mail: jxchenh@163.com

Section 2- Hazards Identification**Hazard Classification:**

GHS 09: H411-Toxic to aquatic life with long lasting effects,



GHS07: H315- Causes skin irritation, H319-Causes serious eye irritation, H317-May cause an allergic skin reaction.

Invasive Routes: Inhalation, ingestion.

Harm description: The main hazard of this product is causing allergic skin diseases.

Fire blast hazards: In the air under the high temperature, open fire burning, will produce harmful, toxic gas. Powder and air can form an explosive mixture, which can explode when exposed to fire at a certain concentration.

Section 3- Composition/Information on Ingredient

Chemical Name	CAS No.	In % By Weight
Fatty acids, C18-unsatd., dimers, polymers with bisphenol A and epichlorohydrin	25068-38-6	80-90%
Benzyl alcohol	100-51-6	9-19%
N-(Ethoxycarbonylphenyl)-N'-Methyl-N'-Phenylformamidine	57834-33-0	1%

Section 4- First Aid Measures

Skin exposure: Take off the contaminated clothes immediately and wash the skin thoroughly with soapy water and clean water.

Eyes touch: Lift the eyelids and wash them with flowing clean water or normal saline. Get medical attention..

Inhalation: Leave the site quickly to a fresh air place. Keep the respiratory tract unobstructed. If breathing is difficult, give oxygen. If breathing stops, perform artificial respiration immediately. Get medical attention.

Ingestion: Drink enough warm water to induce vomiting. Get medical attention.

Section 5- Fire Fighting Measures

Fire extinguishing method and extinguishing agent: Use foam, dry powder, carbon dioxide or sand to extinguish the fire.

Hazardous properties: This product is flammable liquid.

Fire extinguishing precautions: Fire fighters must wear full - body fire and gas suits, wear air breathing apparatus, and put out the fire upwind. Remove the container from the fire as much as possible into an open area. Spray water to keep fire containers cool until extinguishing is complete. If there is any abnormal change or abnormal sound in the container, we must evacuate immediately.

Section 6- Accidental Release Measures

Emergency treatment: Evacuate the personnel in the contaminated area to a safe area quickly, isolate them, and strictly restrict access. Cut off the ignition source. It is recommended that emergency treatment personnel wear self-contained positive pressure respirators and anti-static work clothes. Do not touch the leakage directly. Cut off the source of leakage as much as possible. Prevent flowing into restricted spaces such as sewers and flood drainage ditches..

Environmental protection measures: Collect the leakage and place it in a suitable closed container for disposal. Do not allow the product to come into contact with the sewage system or any water source

Section 7- Handling and Storage Measures

Precautions: Keep away from fire. No smoking.

Storage precautions: Store in a cool and ventilated warehouse. Keep away from kindling and heat source. The warehouse temperature should not exceed 30 °C. Keep container sealed. It shall be stored separately from oxidants, acids, alkali metals, etc., and shall not be mixed. Explosion proof lighting and ventilation facilities shall be adopted. It is prohibited to use mechanical equipment and tools that are easy to generate sparks. The storage area shall be equipped with leakage emergency treatment equipment and appropriate materials.

Section 8- Exposure Controls/Personal Protection

Engineering controls: The production process is closed and ventilation is strengthened; Provide safety shower and eyewash equipment.

Eye protection: Wear chemical safety goggles.

Skin protection: Wear rubber gloves.

Breath protective: Wear filter type gas mask.

Other protective: No smoking, eating, and drinking water on working site. Finished work, shower and changing clothes.

Section 9- Chemical and Physical Properties

Appearance and traits	Liquid	Gas taste	odorless
pH	No data	Flash point (°C)	No data
Freezing point (°C)	No data	Density(g/cm ³)	No data
Vapor pressure (°C)	No data	Boiling point (°C)	No data

Section 10- Stability and Reactivity

Stability: Stable at room temperature, Under normal conditions of use does not occur dangerous reaction.

Storage conditions to avoid contact: High temperature.

Forbidden compound: Strong oxidant.

Polymerization hazard: No data available.

Hazardous decomposition products: No data available.

Section 11- Toxicological information

Metabolism: No data available.

Acute toxicity: 100-51-6 Benzyl alcohol oral cavity LD50 1230mg/kg (big rat)

Irritation: Causes skin irritation.

Corrosivity: No corrosivity.

Sensitisation: May cause skin allergic reactions.

Section 12- Ecological Information

Environmental assessment: No data available.

Degradability: No data available.

Section 13- Disposal Considerations

Disposal measures: Managed in accordance with approved local, state and federal requirements. Consult state environmental agency and/or federal EPA. Recover using as local rules or laws.

Used material: Waste can be recycled.

Section 14 – Transport Information

Dangerous goods code: None.

UNID value: UN3082.

Package mark: None.

Packing type: III

Packing method: None.

Transportation information: The transportation vehicle shall be equipped with fire fighting equipment of the corresponding variety and quantity. It is strictly forbidden to mix with oxidizer, acid and edible chemicals. During transportation, avoid insolation, rain and high temperature.

Section 15- Regulatory information

- 《Dangerous Goods Regulation》
- 《Recommendations on Transport of Dangerous Goods Model Regulations》
- 《International Maritime Dangerous Goods》
- 《Technical Instructions for the Safe Transport of Dangerous Goods》
- 《Classification and code of dangerous goods》
- 《Occupational Safety and Health Act》 (OSHA)
- 《Toxic Substances Control Act》 (TSCA)
- 《Federal Environmental Pollution Control Act》 (FEPCA)
- 《The Oil Pollution Act》 (OPA)
- 《Superfund Amendments and Reauthorization Act III(302/311/312/313)》 (SARA)
- 《Resource Conservation and Recovery Act》 (RCRA)
- 《Safety Drinking Water Act》 (CWA)
- 《California Proposition 65》
- 《Code of Federal Regulations》 (CFR)

In accordance with all Federal, State and local laws.

Section 16- Other Information

The information above is believed to be accurate and represents the best information currently available to us. However, we makes no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigations to determine the suitability of the information for their particular purposes. Although reasonable precautions have been taken in the preparation of the data contained herein, it is offered solely for your information, consideration and investigation. This material safety data sheet provides guidelines for the safe handling and use of this product, it does not and cannot advise on all possible situations, therefore, your specific use of this product should be evaluated to determine if additional precautions are require.

This report is invalid without the Special Seal of Tiansu. This report shall not be altered, increased or deleted. The results shown in this report refer only to the sample(s) tested.

***** End of report *****

