



## Material Safety Data Sheet (MSDS)

**Product Name:** two-component polyurethane coating

**Manufacturer:** Jiangmen Choisum Environmental Materials Co., Ltd.

**Address:** Lingang Industrial Zone, Gujing Town, Xinhui District, Jiangmen City, Guangdong, China

**Emergency consultation phone:** 008613828049639 008613929015669

### 1. CHEMICAL PRODUCTS / IDENTIFICATION OF SUBSTANCE

Product Name: **two-component polyurethane coating**

Application: Used for waterproofing layer

GHS Hazard Category: NON-HAZARDOUS SUBSTANCE/MIXTURES

### 2. Composition/Information on Ingredients

#### Component A:

Ingredient	CAS NO.	Content
Polyether Polyol	N/A	40-50%
Amino resin	N/A	40-50%
Quartz Powder	14808-60-7	40-50%
Barium Sulfate	7727-43-7	40-50%
auxiliary	N/A	1-3%

#### Component B:

Ingredient	CAS NO.	Content
Polyurethane Prepolymer (NCO-terminated)	28182-81-2	100%

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### 3. Hazardous Analysis

Classification: Not Regulated  
Phrase: Not Classified  
Statement of Hazardous/ dangerous nature: NON-HAZARDOUS SUBSTANCE, NON - DANGEROUS.

### 4. First Aid Measures

INHALATION: Take person out of the contaminated area. Remove patient to fresh air. Call a doctor immediately  
SKIN CONTACT: Wash in soap and water and rinse with water. Take off all contaminated clothing.  
EYE CONTACT: In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. Never use solvent. If irritation continues, see an ophthalmologist.  
INGESTION: Give lukewarm water to drink. Do not induce vomiting. Do not make the victim drink milk or fatty fluids. If swallowed, seek immediate advice and show container or label to the doctor.  
NOTES: Call a doctor in case of doubt or if symptoms persist. If unconscious, place in recovery position and seek medical advice

### 5. Firefighting measures

FLASH POINT: Non combustible  
FLAMMABLE LIMIT: Not applicable

### 6. Accidental Release Measures

6.1 Personal precautions, protective equipment and emergency procedures Wear suitable protective clothing, gloves and eye/face protection. Use self- contained breathing apparatus and chemically protective clothing.  
6.2 Environmental precautions Prevent contamination of soil and water. Prevent from spreading or entering into drains, ditches or rivers by using sand, earth or other appropriate barriers.  
6.3 Methods and material for containment Transfer to a labelled, sealable container for product recovery or safe disposal. Treat residues as and cleaning up for small spillage

### 7. Handling and Storage

7.1 Precautions for safe handling Protective measures Wear appropriate personal protective equipment. Avoid contact with eyes, skin or clothing. Do not ingest. Keep containers closed when not in use. Advice on



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general occupational hygiene Do not eat, drink or smoke when handling this product. Wash hands after handling.

7.2 Conditions for safe storage, including Keep containers tightly closed in a dry, cool and well ventilated areas any incompatibilities. Do not store in unlabeled containers.

### 8. Exposure limits and personal protection

#### 8.1 Control parameters

Occupational exposure limits      No exposure limit value known

#### 8.2 Exposure controls

Provide readily accessible eye wash stations and safety showers. Provide natural or explosion proof ventilation adequate to ensure concentrations are kept below explosion limits.

#### Personal protective equipment

Hand protection Chemically resistant, impervious gloves should be worn at all times when handling.

Butyl rubber, Nitrile rubber, neoprene gloves, impervious gloves, latex or vinyl disposable gloves.

Eye/face protection      Protective eye glasses or goggles must be worn.

Skin and body protection      Standard issue work clothes. Long sleeve shirts, trousers or overalls must be worn.

Environmental exposure controls      Construct a dike to prevent spreading.

### 9. Physical and Chemical Properties

Appearance	VISCOUS FLUID
Odor	Aromatic hydrocarbon odor
Odor threshold	Not determined
pH value	Not applicable
Melting Point / Freezing Point	Not applicable
Boiling Point / Boiling Range	Not applicable
Flash point	> 100°C
Flammability	Non-flammable
Explosive limits	Not determined

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Vapor pressure	Not determined
Vapor density	Not determined
Relative density	1.3-1.5 (g/cm <sup>3</sup> )
Water-soluble	Not applicable
Distribution coefficient	Not determined
Autoignition Temperature	Not determined
Decomposition Temperature	Not determined
Kinematic Viscosity	Not determined
Dynamic Viscosity	0.5 – 2.0 Pa.s
Explosive	Non-explosive
Oxidizing	Not determined

## 10. Stability and Reactivity

10.1 Reactivity Stable under normal conditions

10.2 Chemical stability This product is stable

10.3 Possibility of hazardous reactions No specific data

10.4 Conditions to avoid No specific data

10.5 Incompatible materials No specific data

10.6 Hazardous decomposition products Under normal conditions of storage and use, hazardous decomposition products should not be produced

## 11. Toxicological Information

This product is not considered a carcinogen

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## 12. Ecological Information

This material is not known as biodegradable

## 13. Disposal considerations

### 13.1 Waste treatment methods

**Product** Waste to be treated as controlled waste. Dispose to licensed waste disposal site. In accordance with local waste disposal authority.

**Packaging** Keep container labelled until cleaned and then remove or deface labels. Drain container thoroughly and rinse well with water. Treat rinsings as for product disposal. Empty packaging should be removed by a licensed waste contractor.

## 14. Transportation information

No special packaging requirements. Not classified as dangerous goods under the United Nations Recommendations.

## 15. Regulatory information

Not classified as dangerous under current regulations.

## 16. Other information

Revision notes

Issue date: January 10, 2022

Revision Date: December 24, 2024

## 17. Further Information

For more health and safety information, please contact the Health and Safety Officer. The details provided above are based on our current understanding; however, these terms do not guarantee that the properties of each product will remain consistent and should not be treated as binding contractual terms. The terms outlined here are not exhaustive and are meant to serve as general guidance only.

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