

Material Safety Data Sheet (MSDS)

I. Item Name and Company Logo

Chemical Name (Chinese): M888 Water-based Environmentally Friendly Conformal Coating
Company Name: Zhuhai Changxian New Material Technology Co., Ltd.
Address: Langwan Road, Fine Chemical Industrial Zone, Gaolan Port Economic Zone, Zhuhai City
Email address: szwkb@changxiankeji.com
Fax number: +86-755-26689087
Telephone numbers: +86-755-26852596 +86-755-26852597 +86-755-26864069
Company emergency hotline: +86-13802269905
National Emergency Number: +86-532-83889090

II. Identification of components:

Material composition	Content (W/W, %)	CAS NO
Waterborne polyurethane	30-40	9009-54-5
Other additives	1-5	/
Deionized water	50-60	7732-18-5

III. Hazard Identification Data:

Most important hazards and effects	Health hazards: Minimal impact on health.
	Environmental impact :none
	Physical and chemical hazards: None
	Special hazards: None
Main symptoms: After absorption through the skin, it has minimal impact on health and no visible symptoms. If accidentally ingested, it may irritate the esophagus and stomach, causing vomiting.	
Hazardous substance classification: IV (Mild hazard)	

IV. First Aid Measures:

First aid methods for different routes of exposure:
Skin contact: Wash your skin thoroughly with soap and water.
Eye contact: Lift your eyelids and rinse with running water or saline solution. Seek medical attention.
Inhalation: Quickly move to a place with fresh air.
Ingestion: Drink plenty of warm water and induce vomiting. Seek medical attention.
Protection for emergency responders: Not required.
Advice for doctors: none

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V. Firefighting Measures:

Applicable extinguishing agents: foam, carbon dioxide dry powder fire extinguishers.
Special hazards that may be encountered during firefighting: None
Special fire extinguishing procedures: none
Special protective equipment for firefighters: unnecessary.

VI. Leakage Handling Methods:

Personal precautions: Please wear gloves when using.
Environmental considerations: none
Cleaning method: Wash with tap water, and the washing solution will be treated in the wastewater system.

VII. Safe handling and storage methods:

Handling: 1.Non-flammable. 2.Always keep the inner and outer lids of the container closed. 3.Keep out of reach of children .
Storage: 1.Store in a cool, dark, and well-ventilated place at 5-35 °C. Shelf life is generally six months from the date of production. 2.Strictly implement the first-in ,first-out principle.

VIII. Exposure Prevention Measures:

Personal protective equipment: Respiratory protection: Generally not required, but it is best to wear a mask when necessary. Hand protection: Generally not required; rubber gloves can be used. Eye protection: Wear safety glasses. Skin and body protection: Not required.
Hygiene measures: Wear protective equipment and wash your hands immediately after completing the work.

IX. Physical and Chemical Properties:

Appearance: Milky white, semi-transparent liquid	Odor: virtually odorless
Solid content: 30±2%	Viscosity: 120±30CP
pH value: 6-8	Autoignition temperature: Non-flammable

10. Stability and Reactivity

Stability: Stable
Potential adverse reactions under special circumstances: Accidental ingestion may irritate the esophagus and stomach, causing vomiting. After absorption through the skin, it has minimal impact on health.

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Conditions to avoid: Do not freeze; do not mix with cationic or paint-based substances.

Substances to be avoided: None

Hazardous decomposition products: none

XI. Toxicity Information:

Acute toxicity: None

Local effects: None

To the point of sensitivity: none

Chronic or long-term toxicity: None

Special effects: None

XII. Ecological Environment

Potential environmental impacts / environmental risks: None

XIII. Waste Disposal Methods

Waste disposal method: Please refer to relevant government regulations for disposal (please hand it over to a licensed organic waste disposal company).

XIV. Transporting materials

International shipping regulations: United Nations Model Regulations for the Transport of Dangerous Goods

United Nations Number: GB 6944-2005

Domestic Transportation Regulations: Regulations on the Safety Management of Hazardous Chemicals

Special shipping methods and precautions:

XV. Legal Documents:

Applicable Laws: The Work Safety Law of the People's Republic of China

XVI. Other Information

Data compilation department: Technical Department

Compiled on: January 5, 2025 .