

Material Safety Data Sheet (MSDS)

I. Item Name and Company Logo

Chemical Name (Chinese): CX936 Water-based Insulating Varnish
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 epoxy	20-30	61788-97-4
Other adjuvants	1-5	Trade secrets
Deionized water	60-70	7732-18-5

III. Hazard Identification Data:

Most important hazards and effects	Health hazards: Low to medium concentrations of steam (below 200 PPM) have minimal health effects.
	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.

Material Safety Data Sheet (MSDS)

Advice for doctors: none

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:

Engineering control: Improve ventilation

Personal protective equipment:

Respiratory protection: Generally not required, but it is best to wear a mask when necessary.

Hand protection: Use rubber gloves

Eye protection: Wear safety glasses

Skin and body protection: Not required

Hygiene measures: Wear protective equipment and wash hands immediately after work.

IX. Physical and Chemical Properties:

Appearance: Milky white liquid	Solubility: Soluble in water
Solid content: 26±2%	Viscosity: 11-15S (Ford Cup 4)
pH value: 7-8	Autoignition temperature: Non-flammable

10. Stability and Reactivity

Material Safety Data Sheet (MSDS)

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.
Conditions to avoid: direct sunlight, freezing temperatures
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
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XVI. Other Information

Data compilation department: Technical Department
Compilation Date : 2025.01