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SECTION 1: Identification of the substance/mixture and of the company**Product Identifier**

Product Name: SiSiB® EF1001
Chemical Name: epoxy silicone oil
CAS-No.: 2102536-93-4

Relevant identified uses of the substance or mixture and uses advised against

Relevant applications identified For industrial use

Details of the supplier of the safety data sheet

Company Nanjing SiSiB Silicones Co., Ltd.
Guanghua Sci & Tech Industrial Zone,
No. 104, Guanghua Road, Nanjing 210007, P.R.China
Email: SDS@SiSiB.com

Emergency Telephone Number: +86-25-8468-0091

SECTION 2: Hazardous identification**Classification according to EC regulation 1272/2008 (CLP)**

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

Classification (67/548/EEC, 1999/45/EC)

Not a hazardous substance or mixture according to EC-directives 67/548/EEC or 1999/45/EC.

Label Elements according to Regulation 1272/2008 (CLP)

Not a hazardous substance or mixture according to Regulation (EC) No. 1272/2008.

SECTION 3: Composition/information on ingredients

Substance/mixture: substance
Component(s): Epoxy polydimethylsiloxane
CAS number: 2102536-93-4
Remarks:
No dangerous ingredients according to Regulation (EC) No. 1907/2006

SECTION 4: First aid measures**First Aid Measures of different exposure**

Inhalation: Remove to fresh air if aerosol spray is inhaled. If breathing is difficult, administer oxygen.
Obtain medical attention immediately.

Skin Contact: Wash skin with soap and water.

Eyes Contact: In case of contact with eyes rinse thoroughly with plenty of water and seek medical advice.

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Keep eye wide open while rinsing.

Ingestion: No emergency care anticipated.

Notes to Physician: There is no specific antidote. Treatment is symptomatic and supportive.

SECTION 5: Firefighting measures

Applicable extinguishing agent:

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Hazardous Decomposition Products:

Do not allow run-off from firefighting to enter drains or water courses.

Fire-Fighting Instructions:

Collect contaminated fire extinguishing water separately. This must not be discharged into drains. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

Fire-Fighting Equipment:

As in any fire, wear self-contained breathing apparatus pressure-demand, (MSHA/NIOSH approved or equivalent) and full protective gear.

SECTION 6: Accidental release measures

Emergency procedures: Slippery when spilt, clean up immediately. Wear Protective equipment to prevent skin and eye damage

Methods and materials for containment and clean up: Prevent run off into drains or waterways. Do not discharge into the subsoil/soil. Take up with absorbent material (e.g. sand, kieselguhr, universal binder). Collect and seal in properly labelled containers for disposals. Dispose of in accordance with all Local regulations at an approved waste disposal site. For small spills, wash with plenty of water. No special environmental.

SECTION 7: Handling and storage

Handling: Smoking, eating and drinking should be prohibited in the application area.

Protection against fire and explosion: Normal measures for preventive fire protection.

Storage: Electrical installations / working materials must comply with the technological safety standards.

Advice on common storage: No materials to be especially mentioned.

Other data: No decomposition if stored and applied as directed.

SECTION 8: Exposure Controls/Personal Protection

Control parameters

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Contains no substances with occupational exposure limit values

Personal protective equipment

Respiratory protection: No personal respiratory protective equipment normally required.

Hand protection: Material PVC disposable gloves.

Break through time: 120 min

Eye protection: Safety glasses

Skin and body protection: Protective suit

Hygiene measures: General industrial hygiene practice.

Environmental exposure controls

General advice: If the product contaminates rivers and lakes or drains inform respective authorities.

SECTION 9: Physical and Chemical Properties**Information on basic physical and chemical properties**

Appearance:	transparent light yellow liquid
Odor:	not significant
Non-volatile content:	>96.0%
Flash point:	>100,00 °C
Ignition temperature:	> 200 °C
Viscosity (25°Cmm² • mpa.s) :	140-160
pH:	no data available
Melting point/range:	no data available
Initial boiling point:	no data available
Vapor pressure:	< 1,000000 hPa at 20,00 °C Method: calculated
Density:	1.050-1.120 g/cm ³ at 20,00 °C Method: 4 (20°C Biegeschwinger)
Water solubility:	immiscible
Surface tension:	no data available
Epoxy value: (eq/100g) :	0.03—0.033
Refractive index(25°C):	1.410~1.440

SECTION 10: Stability And Reactivity**Chemical stability:**

The product is stable under normal conditions.

Possibility of hazardous reactions:

No hazards to be specially mentioned.

Conditions to Avoid:

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no data available.

Hazardous Decomposition Products:

Carbon oxides

SECTION 11: Toxicological Information**Information on toxicological effects****Acute toxicity**

Acute oral toxicity: LD50: > 5.000,00 mg/kg

Species: rat

Method: OECD Test Guideline 401

Skin corrosion/irritation

Skin irritation: Species: rabbit

Result: No skin irritation

Method: OECD Test Guideline 404

Serious eye damage/eye irritation

Eye irritation: Species: rabbit

Result: No eye irritation

Method: OECD Test Guideline 405

Respiratory or skin sensitization

Sensitization:

no data available

Target Organ Systemic Toxicant - Repeated exposure:

no data available

SECTION 12: Ecological Effects**Toxicity to Fish:**

No data available

Crustacea:

No data available

Biodegradability:

No data available

Bioaccumulative potential (BCF):

No data available

Mobility in soil:

Surface tension: No data available

Soil adsorption (Koc):

No data available

Remarks:

Do not allow to enter soil, waterways or waste water canal. The product is considered to be a water pollutant (German law).

SECTION 13: Disposal considerations**Waste treatment methods**

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Product:

In accordance with local authority regulations, take to special waste incineration plant.

Contaminated packaging

If empty contaminated containers are recycled or disposed of the receiver must be informed about possible hazards.

SECTION 14:Transport Information**Land transport:**

ADR / RID:

Not dangerous goods

Sea transport

IMDG:

Not dangerous goods

Air transport

IATA-DGR:

Not dangerous goods

SECTION 15:Regulatory Information**Safety, health and environmental regulations/legislation specific for the substance or mixture**

Major Accident Hazard Legislation:

96/82/EC Update: 2003

Directive 96/82/EC does not apply

SECTION 16:Other Information**Further information**

It must be recognized that the physical and chemical properties of any product may not be fully understood and that new, possibly hazardous products may arise from reactions between chemicals. The information given in this data sheet is based on our present knowledge and shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.