

Material Safety Data Sheet (MSDS)

MSDS No.: 2026061016E

Creation Date: June 10, 2026

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1. Identification of the Substances/Preparation and of the Company/Undertaking

Product Identification:

Product Name: Tile adhesive

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

Identified uses: Tile laying.

Use advised against: No data available.

Details of the Manufacturer or supplier

Supplier: CHANGSHA SENTOL NOVEL MATERIALS CO., LTD.

Address: Longping Hi-Tech Park, Furong District, Changsha,
Hunan Province, China

Telephone: +86 17707316755

Email: lilianhe0105@gmail.com

Emergency telephone number

Emergency Telephone: +86 17707316755

2. Hazards Identification

Classification of the substance or mixture

GHS Classification:

Skin irritation (Category 2), H315

Skin sensitisation, category 1, H317

Serious eye irritation (Category 2A), H319

Hazardous to the aquatic environment - Chronic hazard, categories
3, H412

GHS Label elements

Pictogram(s):



Signal Word:

Warning

Hazard Statement:

H315: Causes skin irritation.

H317: May cause an allergic skin reaction.

H319: Causes serious eye irritation.

H412: Harmful to aquatic life with long lasting effects.

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Precautionary statements:

Prevention precautionary statements:

P261: Avoid breathing dust/fume/gas/mist/vapours/spray.

P264: Wash thoroughly after handling.

P272: Contaminated work clothing should not be allowed out of the workplace

P273: Avoid release to the environment

P280: Wear protective gloves/ eye protection/ face protection.

Response Precautionary Statements:

P302+352: IF ON SKIN: Wash with soap and water.

P333+313: If skin irritation or a rash occurs: Get medical advice/attention.

P363: Wash contaminated clothing before reuse

P305+P351+P338: If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do, continue rinsing.

P337+313: If eye irritation persists get medical advice/attention.

Storage Precautionary Statements:

Not applicable.

Disposal Precautionary Statements:

P501: Dispose of contents and container in accordance with local/regional/national /international regulations.

Description of any hazards not otherwise classified

None. See section 11 for more detailed information on health effects and symptoms.

3. Composition/Information on Ingredients

Chemical Characterization

Mixture. Consist of the following ingredients.

Composition:

Components Name	CAS No.	Weight (%w/w)
Bisphenol A epoxy resin	25068-38-6	10-30%
Benzyl alcohol	100-51-6	0-5%
Silicon dioxide	14808-60-7	35-55%
Calcium carbonate	471-34-1	40-60%

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4. First-Aid Measures

Description of first aid measures:

- Eye Contact:** Rinse cautiously with water for several minutes, occasionally lifting the upper and lower eyelids. Remove contact lenses, if present and easy to do, continue rinsing. Seek medical attention immediately.
- Skin Contact:** Immediately remove and isolate contaminated clothing and shoes. Wash off with soap and plenty of water. If irritation or a rash occurs and persists, contact a doctor. Wash contaminated clothing before reuse.
- Inhalation:** If feel unwell, Remove victim to fresh air and keep at rest in a position comfortable for breathing. If breathing is difficult, give oxygen. Get medical attention if symptoms develops or persists.
- Ingestion:** If the person is conscious, wash out mouth with water. Never give anything by mouth to an unconscious person. Consult a physician attention and go to hospital immediately.

Most important symptoms and effects, both acute and delayed

Irritant effects, sensitizing effects. The most important known symptoms and effects are described in the labeling (see section 2.2) and/or in section 11.

Indication of any immediate medical attention and special treatment needed

Treat symptomatically and supportively.

5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media: Use alcohol-resistant foam, dry powder or carbon dioxide. Use water fog to cool the unopened containers involved in fire.

Unsuitable extinguishing media: Do not use a solid water stream as it may scatter or spread fire.

Special hazards arising from the substance or mixture

Gives off irritating fumes (or gases) and combustion product(Carbon oxides, incomplete combustion of hydrocarbons, etc) in a fire.

Advice for firefighters

Evacuate personnel to safe areas. Wear self-contained breathing apparatus and suitable protective equipment for firefighting.

Further information

Collect fire extinguishing water to avoid release to environment.

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6. Accidental Release Measures

For guidance on selection of personal protective equipment see Chapter 8 of this Material Safety Data Sheet. See Chapter 13 for information on disposal. Observe the relevant local and international regulations.

Personal precautions, protective equipment and emergency procedures:

Evacuate area. Ventilate area. Use personal protective equipment. Avoid contact with skin and eyes. Do not breathe vapors or aerosol. For personal protection see section 8.

Environmental precautions:

Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided. Do not discharge product into the aquatic environment without pretreatment. Do not allow run-off from fire fighting to enter drains or water courses.

Methods and materials for containment and cleaning up:

Isolation leakage contaminated areas, restrict access. Small leak: use non-combustible absorbent material, (e.g. sand, earth, diatomaceous earth, vermiculite) to absorb spillage and put in a suitable container for disposal. Large Leak: embank and contain spillage. To prevent leakage into the water, sewers. Clear under the guidance of experts. For disposal see section 13.

7. Handling and Storage

Precautions for safe handling:

Ensure adequate ventilation, especially in confined areas.

Use appropriate, approved safety equipment.

Avoid breathing concentrated vapor or mist.

Avoid contact with skin and eyes.

Keep container tightly closed when not in use.

Ensure that eyewash stations and safety showers are close to the workstation location.

Do not eat, drink or smoke at the workplace.

Wash thoroughly after handling. Remove contaminated clothing and wash before reuse.

Keep away from heat/sparks/open flames/hot surfaces.

For precautions see section 2.

Conditions for safe storage, including any incompatibilities:

Store in cool place. Keep container tightly closed in a dry and well-ventilated place. Avoid direct sunlight. Keep out of reach of children. Keep away from fire and heat. Store away from foodstuff and strong oxides.

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8. Exposure Controls/Personal Protection

Exposure Limits: Not established.

Exposure controls

Engineering Control: General industrial hygiene practice. Provide appropriate exhaust ventilation. Provide safe shower and eye wash fountain.

Personal protective equipment:

Respiratory Protection: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator with multi-purpose combination (US) or type ABEK (EN 14387) respirator cartridges as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Eyes Protection: Use face shield and safety glasses if in-eye risk exists. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Body Protection: Complete suit protecting against chemicals, The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Hands Protection: Handle with chemical-resistant gloves.

Other Protections: Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday. Wash contaminated clothing before reuse.

9. Physical and Chemical Properties

Information on basic physical and chemical properties	
Appearance	Paste.
Color	Off-White.
Odor	Weak odor.
pH	Not available.
Melting point/freezing point	Not available.
Initial boiling point and boiling range	Not available.

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Flash point	Not available.
Evaporation rate	Not available.
Flammability	Not flammable.
Upper explosive limit %(V/V)	Not available.
Lower explosive limit %(V/V)	Not available.
Vapor pressure	Not available.
Vapor density	Not available.
Relative density	Not available.
Solubility(ies)	Insoluble in water.
Partition coefficient: n-octanol/water	Not available.
Ignition temperature	Not available.
Decomposition temperature	Not available.
Viscosity	Not available.

10. Stability and Reactivity

Stability: Stable under normal storage temperature and pressure.

Conditions to Avoid: Extremes of temperature, flames and mars.

Incompatible materials: Strong oxidizing agents. Amines (Avoid mixing with curing agent until being used) .

Hazardous Decomposition Products: Other decomposition products- no data available. In the event of fire:see section 5.

Possibility of hazardous reactions: None hazardous reactions known under normal condition.

11. Toxicological Information

Acute Toxicity:

Ingredient	CAS No.	LD50-Rat-Oral	LC50-Rat-inhalation	LD50-Rat-skin
Epoxy resin	25068-38-6	30000mg/kg	-	> 20mL/kg

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Eye Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitization May cause an allergic skin reaction.

Germ Cell Mutagenicity Based on available data, the classification criteria are not

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	met.
Carcinogenicity:	None of the components of this product is listed as a carcinogen by IARC, NTP, US OSHA.
Reproductive Toxicity:	Based on available data, the classification criteria are not met.
Specific Target Organ Toxicity - Single Exposure (Globally Harmonized System):	No known human health effects upon single exposure.
Specific Target Organ Toxicity - Repeated Exposure (Globally Harmonized System):	No known human health effects upon repeated exposure.
Aspiration Hazard:	Based on available data, the classification criteria are not met.
Potential Health Effects:	
Inhalation:	Inhaling concentrated vapor may cause respiratory irritation.
Skin Contact:	Causes skin irritation. May cause an allergic skin reaction.
Eye Contact:	Causes serious eye irritation.
Ingestion:	May be harmful if ingested.

12. Ecological Information

Toxicity

No data available.

Persistence and degradability

No data available.

Bioaccumulative potential

No data available.

Mobility in soil

No data available.

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Results of PBT and vPvB assessment

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

Other adverse effects

Harmful to aquatic life with long lasting effects.Do not allow materials to release to drains or water course.

13. Disposal Considerations

Safe handling and methods of disposal

Product

Recycle if possible. Offer surplus and non-recyclable products to a licensed disposal company. Observe according to the national and local related regulations.

Contaminated packaging

Containers may still present chemical hazard when empty. Return to supplier for recycling if possible or disposal according local related regulations.

14. Transport Information

ADR/RID Information

ADR-UN Number: Not regulated for transport

ADR-Class: Not regulated for transport

ADR-Shipping Name: Not regulated for transport

ADRPacking Group: Not regulated for transport

IATA/ICAO Information

The product is not subject to IATA DGR.

IATA-UN Number: Not regulated for transport

IATA-Class: Not regulated for transport

IATA-Shipping Name: Not regulated for transport

IATA-Label: None

IATA-Packing Group: Not regulated for transport

IATA-S.P.: None

IATA-ERG: None

IMO/IMDG Information

The product is not subject to IMO/ IMDG Code.

IMDG-Marine Pollutant: No

IMDG-UN Number: Not regulated for transport

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IMDG-Class: Not regulated for transport

IMDG-Shipping Name: Not regulated for transport

IMDG-Packing group: Not regulated for transport

IMDG-Storage Category: Not regulated for transport

15. Regulatory Information

International Regulations

Safety, health and environmental regulations/legislation specific for the substance or mixture

No information available.

Chemical safety assessment

For this product a chemical safety assessment was not carried out.

16. Other Information

Further Information:

·This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

·This safety data sheet was prepared in accordance with Globally Harmonized System of Classification and Labeling of Chemicals (GHS) Rev.11.

Department Issuing MSDS: CHANGSHA SENTOL NOVEL MATERIALS CO., LTD.

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*****End*****