

SOURCE DOCUMENT / No. 2624090124

SAFETY DATA SHEET

SDS

Polyurea Grouting Liquid

Chinese name (translated)	Polyurea Grouting Liquid
English name in source	Polyurea
Effective date	27 September 2024
Prepared by	[Handwritten signature in the source]
Reviewed by	[Handwritten signature in the source]
Approved by	[Handwritten signature in the source]

Shanghai Institute of Chemical Industry Testing Co., Ltd.

Accreditation marking shown in the source: CNAS - Inspection - CNAS IB0071.

Source seal: Dedicated Inspection and Testing Seal.

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SAFETY DATA SHEET

Polyurea Grouting Liquid | Effective date: 27 September 2024

Shijiazhuang Xiushen Chemical Products Co., Ltd.

1. Identification of the substance/mixture and of the company

Chinese name (translated)	Polyurea Grouting Liquid
English name	Polyurea
Company name	Shijiazhuang Xiushen Chemical Products Co., Ltd.
Address	Room 607, Tower A, Shengshi Building, intersection of South Second Ring Road and Weiming South Street, Qiaoxi District, Shijiazhuang, Hebei Province, China
Postal code	050093
E-mail	17798052185@163.com
Fax number	/
Emergency telephone	86-13733318531
Recommended uses and restrictions on use	Corrosion protection, waterproofing, abrasion resistance and building materials. Not for consumption.
SDS number	2624090124
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2. Hazards identification

GHS classification

Physical hazards	Not classified.
Health hazards	Classification not possible.
Environmental hazards	Classification not possible.

Classification-related data and information are lacking for this product. It may pose potential, unknown hazards to human health and the environment.

For hazards not listed above, classification is not applicable or is not possible.

Label elements

Pictograms	Unknown.
Signal word	Unknown.
Hazard statements	Unknown.

2. Hazards identification (continued)

Precautionary statements - prevention	Unknown.
Precautionary statements - response	Unknown.
Precautionary statements - storage	Unknown.
Precautionary statements - disposal	P501: Dispose of the product/container in accordance with local, regional, national and international regulations.
Other hazards	No data available.

3. Composition/information on ingredients

Chemical name: Polyurea Grouting Liquid.

Substance:

Component	Content	CAS No.	EC No.
Polyurea	97%	37955-36-5	/

4. First-aid measures

Skin contact	Rinse the skin thoroughly with plenty of clean water. Seek medical attention if irritation persists.
Eye contact	Lift the eyelids and rinse with running water for at least 15 minutes. Seek medical attention if irritation persists.
Inhalation	Remove from the area to fresh air. Keep the airway clear. Seek medical attention if feeling unwell.
Ingestion	If conscious, rinse the mouth with warm water and seek medical attention.
Most important symptoms/effects, acute and delayed	No data available.
Immediate medical attention and special treatment, if needed	No data available.

5. Fire-fighting measures

Suitable extinguishing media	Water mist, carbon dioxide, dry powder and suitable foam may be used.
Specific hazards arising from the chemical	Oxides of carbon and oxides of nitrogen may be released at high temperatures or during combustion.
Special protective actions for fire-fighters	Wear positive-pressure self-contained breathing apparatus and fire-fighting protective clothing to prevent skin and eye contact. Fight the fire from upwind. Evacuate uninvolved persons to a safe area.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Use personal protective equipment. Ensure adequate ventilation. Avoid breathing vapours. Remove all ignition sources. Keep people away from the spill or upwind of it. Keep unauthorised persons out.
Environmental precautions	Prevent further leakage if it is safe to do so. Prevent the product from entering drains.
Methods and materials for containment and cleaning up	Absorb with inert material, such as dry sand or vermiculite, and collect in dry, clean, covered containers for disposal. Avoid generating dust. Ventilate and spray water after clean-up.

7. Handling and storage

Precautions for safe handling	Operators must be trained and strictly follow operating procedures. Wear ordinary work protective clothing and suitable chemical-protective gloves. Avoid inhalation and direct contact with eyes, skin and clothing. Keep away from ignition sources and heat. Smoking is prohibited in the workplace. Operate ventilation systems and equipment while working. Avoid contact with strong oxidising agents. Wash hands and face thoroughly after handling. Handle gently to prevent package damage or moisture ingress and resulting loss. Provide suitable types and quantities of fire-fighting equipment and emergency spill-response equipment.
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7. Handling and storage (continued)

Conditions for safe storage, including any incompatibilities Store in a cool, dry, ventilated warehouse. Keep away from ignition sources and heat, and protect from sunlight. Keep containers tightly closed. Store separately from strong oxidising agents. Equip the storage area with suitable types and quantities of fire-fighting equipment, emergency spill-response equipment and appropriate containment materials.

8. Exposure controls/personal protection

Control parameters GBZ 2.1-2019, Occupational Exposure Limits for Hazardous Agents in the Workplace
- Chemical Hazardous Agents: Not established.
ACGIH: Not established.

Appropriate engineering controls Provide ventilation systems and equipment. Provide safety showers and eyewash facilities.

Individual protection measures

Eye/face protection Wear safety goggles.

Skin protection Hand protection: Wear suitable protective gloves.
Body protection: Wear suitable protective clothing.

Respiratory protection Wear a protective mask approved by the competent authority.

Thermal hazards No data available.

Other protection Do not smoke, eat or drink in the workplace. Shower and change clothes after work.

9. Physical and chemical properties

Appearance	Grey viscous liquid.
Odour	Slight odour.
pH	Not applicable.
Solubility	Immiscible with water.
Melting point/freezing point	No data available.
Boiling point, initial boiling point and boiling range	No data available.
Flash point (closed cup)	> 96.0 °C
Density/relative density	No data available.
Kinematic viscosity	No data available.
Upper/lower flammability or explosive limits	No data available.
Vapour pressure	No data available.
Relative vapour density	No data available.
n-Octanol/water partition coefficient (log value)	No data available.
Auto-ignition temperature	No data available.
Decomposition temperature	No data available.
Particle characteristics	No data available.
Flammability (solids, gases)	Not applicable.

10. Stability and reactivity

Reactivity No data available.

10. Stability and reactivity (continued)

Chemical stability	Stable at normal temperature and pressure.
Possibility of hazardous reactions	No data available.
Conditions to avoid	No data available.
Incompatible materials	Strong oxidising agents.
Hazardous decomposition products	Oxides of carbon and oxides of nitrogen.

11. Toxicological information

Acute toxicity	No data available.
Skin corrosion/irritation	No data available.
Serious eye damage/eye irritation	No data available.
Respiratory sensitisation	No data available.
Skin sensitisation	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
Specific target organ toxicity - single exposure	No data available.
Specific target organ toxicity - repeated exposure	No data available.
Aspiration hazard	No data available.

12. Ecological information

Toxicity	No data available.
Persistence and degradability	No data available.
Bioaccumulative potential	No data available.
Mobility in soil	No data available.
Other adverse effects	No data available.

13. Disposal considerations

Disposal methods	Consider recycling wherever possible. If recycling is not possible, disposal by supervised incineration is recommended. Do not dispose of this product into drains. Return empty containers to the manufacturer or dispose of them in accordance with national and local regulations. Consult the applicable national and local regulations before disposal. Disposal by a qualified chemical-waste disposal organisation is recommended.
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14. Transport information

RID/ADR (2023 Edition)	May be handled as non-restricted goods.
IATA DGR (65th Edition)	May be handled as non-restricted goods.
IMO IMDG Code (2022 Edition)	May be handled as non-restricted goods.

14. Transport information (continued)

Environmental hazards	No.
Special precautions for users	No data available.
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

15. Regulatory information

Montreal Protocol	Not listed.
Stockholm Convention	Not listed.
Rotterdam Convention	Not listed.
EINECS/ELINCS	Not listed.
TSCA	Not listed.
IECSC	Not listed.

16. Other information

Date of preparation	27 September 2024
Prepared by	Shanghai Institute of Chemical Industry Testing Co., Ltd. Telephone (fax): +86-21-52815377/31765555
Revision information	Revision 0.
Reference standard	Globally Harmonized System of Classification and Labelling of Chemicals (GHS), Tenth Revised Edition.

Abbreviations and acronyms

CAS	Chemical Abstracts Service, USA.
EC	European Commission.
ACGIH	American Conference of Governmental Industrial Hygienists.
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road.
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail.
IMO IMDG Code	International Maritime Organization International Maritime Dangerous Goods Code.
IATA DGR	International Air Transport Association Dangerous Goods Regulations.
MARPOL	International Convention for the Prevention of Pollution from Ships.
IBC Code	International Code for the Construction and Equipment of Ships Carrying Dangerous Chemicals in Bulk.
EINECS	European Inventory of Existing Commercial Chemical Substances.
ELINCS	European List of Notified Chemical Substances.
TSCA	United States Toxic Substances Control Act.
IECSC	Inventory of Existing Chemical Substances in China.

Other information

This SDS was prepared using information on ingredient contents and other data supplied by the applicant, together with the company's current knowledge, and is intended for guidance only. Users of this SDS must independently assess the accuracy and completeness of its contents, determine its applicability to their actual circumstances, and assume the relevant legal responsibilities arising from its use.

*** END OF REPORT ***