



Material Safety Data Sheet (MSDS)



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Report No. : LTIJ250218A008EN

Sample Name : plugging rod

Client Name : Dongyang Xiaoqin Trading Co.

Guangzhou LTI Testing Technology Co., Ltd

Floor 4, Building 2, No.470, Xingnan Avenue, Nancun Town, Panyu District, Guangzhou, China

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Client Name : Dongyang Xiaoqin Trading Co.
Client Address : No.2-61, Building 15, Western China Leather Shoe City, Yongshun Road, Economic Development Zone, Dazhu County, Dazhou City, Sichuan Province, P.R. China
Sample Name : plugging rod
Sample Model : 60g
Brand Name : N/A
Specification : N/A
Buyer : N/A
Manufacturer : N/A
Exported to : N/A
Country of Origin : N/A

The above information is provided and confirmed by the applicant, and our company is not responsible for its authenticity.

Receive Date : 17. February, 2025
Testing period : 17. February, 2025- 21. February, 2025
Test Method : Please refer to the next page(s).
Test Result(s) : Please refer to the next page(s).



Approved by: Tariq Ma

Bruce Li

Reviewed by: Bruce Li

Lyra Du

Complied by: Lyra Du

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1. Product and Company Identification

- 1.1 Sample Name** : plugging rod
- 1.2 Model No** : 60g
- 1.3 End Uses** : It is suitable for the plugging of any hard pipes, all kinds of tank containers and heaters, and the repair of automobile cylinder mailboxes.
- 1.4 Contact Person** : Xinyan Wei
- 1.5 E-mail** : wojiubu2024@163.com
- 1.6 24 hour Emergency Tel** : 18111796928
- 1.7 Other information** : N/A

2. HAZARDS IDENTIFICATION

2.1 Hazard classification according to GHS

According to GHS system (10th revised edition),

Skin irritation, Category 2

Skin sensitization, Category 1

Eye irritation, Category 2

Hazardous to the aquatic environment, long-term (Chronic) - Category Chronic 3

2.2 GHS Label elements:

Hazard Pictogram(s):



Signal word: Warning.

Hazard statements:

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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2.3 Precautionary statements

Prevention:

P264 Wash ... thoroughly after handling.

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

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

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

P273 Avoid release to the environment.

Response:

P302+P352 IF ON SKIN: Wash with plenty of water/...

P321 Specific treatment (see ... on this label).

P332+P313 If skin irritation occurs: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

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+P313 If eye irritation persists: Get medical advice/attention.

Storage: none

Disposal: P501 Dispose of contents/container to an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

2.4 Other hazards which do not result in classification

none

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/Mixtures:

Chemical Name	CAS No.	Weight(%)
quartz powder	14808-60-7	45.36
Talcum Powder	14807-96-6	13.46
Epoxy Resin E51	61788-97-4	11.86
Aluminum Hydroxide	21645-51-2	10.97
Mercaptan curing agent 2905	/	9.47

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DOP (Di-Octyl Phthalate)	117-84-0	3.84
Iron oxide powder	1309-37-1	2.99
2,4,6-Tris(dimethylaminomethyl)phenol (DMP-30)	90-72-2	1.50
pyrogenic silica	112945-52-5	0.55

4. FIRST AID MEASURES

4.1 Description of first aid measures

- General advice** : Consult a physician. Show this safety data sheet to the doctor in attendance.
- If inhaled** : Fresh air, rest. Artificial respiration may be needed. Refer for medical attention.
- In case of skin contact** : Rinse and then wash skin with water and soap.
- In case of eye contact** : First rinse with plenty of water for several minutes (remove contact lenses if easily possible), then refer for medical attention.
- If swallowed** : Rinse mouth.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/effects : no data available

4.3. Indication of immediate medical attention and special treatment needed, if necessary

no data available

5. Fire Fighting Measures Danger

5.1 Extinguishing media

In case of fire in the surroundings: all extinguishing agents allowed.

5.2 Specific hazards arising from the substance or mixture

no data available

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

6. ACCIDENTAL RELEASE MEASURES

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6.1 Personal precautions, protective equipment and emergency procedures

Use personal protective equipment. Avoid dust formation. Avoid breathing vapours, mist or gas. Ensure adequate ventilation. Evacuate personnel to safe areas. Avoid breathing dust. For personal protection see section 8.

6.2 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.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal. Sweep up and shovel. Keep in suitable, closed containers for disposal.

7. HANDLING AND STORAGE

7.1 Precautions for safe handling

Avoid contact with skin and eyes. Avoid formation of dust and aerosols. Avoid exposure - obtain special instructions before use. Provide appropriate exhaust ventilation at places where dust is formed. For precautions see section 2.2.

7.2 Conditions for safe storage, including any incompatibilities

Store in cool place. Keep container tightly closed in a dry and well-ventilated place.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure limit value: no data available

Biological limit values: no data available

8.2 Appropriate engineering controls

Handle in accordance with good industrial hygiene and safety practice. Wash hands before breaks and at the end of workday.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection Safety glasses with side-shields conforming to EN166. Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection Wear impervious clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in

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accordance with applicable laws and good laboratory practices. Wash and dry hands. The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it.

Respiratory protection Wear dust mask when handling large quantities.

Thermal hazards No data available

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	: pastes
Colour	: dark gray
Physical state	: No data available
Odour	: No data available
Odour threshold	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flammability	: No data available
Explosive limits	: No data available
Lower explosion limit	: No data available
Upper explosion limit	: No data available
Flash point	: No data available
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available
pH	: No data available
Viscosity, kinematic	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Kow)	: No data available
Vapour pressure	: No data available
Vapour pressure at 50 °C	: No data available
Density	: No data available

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Relative density : No data available
Relative vapour density at 20 °C : No data available
Particle size : No data available

9.2 Other safety information

No data available

10. STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

Stable under recommended storage conditions.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

No data available.

10.5. Incompatible materials

No data available.

10.6. Hazardous decomposition products

No data available.

11. TOXICOLOGICAL INFORMATION

Acute toxicity : Oral: No data available.
: Inhalation: No data available.
: Dermal: No data available.

Skin corrosion/irritation : No data available
Serious eye damage/irritation : No data available
Respiratory or skin sensitisation : No data available
Germ cell mutagenicity : No data available
Carcinogenicity : No data available
Reproductive toxicity : No data available
STOT-single exposure : No data available
STOT-repeated exposure : No data available

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Aspiration hazard : No data available

12. ECOLOGICAL INFORMATION

12.1 Eco-toxicity:

Toxicity to fish : no data available

Toxicity to daphnia and other aquatic invertebrates : no data available

Toxicity to algae : no data available

Toxicity to microorganisms : no data available

12.2. Persistence and degradability:

No data available.

12.3. Bioaccumulative potential

No data available.

12.4. Mobility in soil

No data available.

12.5. Other adverse effects

no data available

13. DISPOSAL CONSIDERATIONS

13.1 Waste disposal methods

Product : The material can be disposed of by removal to a licensed chemical destruction plant or by controlled incineration with flue gas scrubbing. Do not contaminate water, foodstuffs, feed or seed by storage or disposal. Do not discharge to sewer systems.

Contaminated packaging : Containers can be triply rinsed (or equivalent) and offered for recycling or reconditioning. Alternatively, the packaging can be punctured to make it unusable for other purposes and then be disposed of in a sanitary landfill. Controlled incineration with flue gas scrubbing is possible for combustible packaging materials.

14. TRANSPORT INFORMATION

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14.1. UN number

ADR/RID:no data available

IMDG:no data available

IATA:no data available

14.2. UN proper shipping name

ADR/RID:

unknown

IMDG:

unknown

IATA:

unknown

14.3. Transport hazard class(es)

ADR/RID:no data available

IMDG:no data available

IATA:no data available

14.4. Packing group

ADR/RID:no data available

IMDG:no data available

IATA:no data available

14.5. Environmental hazards

ADR/RID: no

IMDG: no

IATA: no

14.6. Special precautions for user

no data available

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code

no data available

15. REGULATORY INFORMATION

International chemical inventory

Component	CAS No.	EINECS	EC Inventory	TSCA	NZIoC	PICCS	China IECSC
quartz powder	14808-60-7	Listed.	Listed.	Listed.	Listed.	Listed.	Listed.
Talcum Powder	14807-96-6	Listed.	Listed.	Listed.	Listed.	Listed.	Listed.
Epoxy Resin E51	61788-97-4	Not Listed.	Not Listed.	Not Listed.	Not Listed.	Not Listed.	Not Listed.
Aluminum Hydroxide	21645-51-2	Listed.	Listed.	Listed.	Listed.	Listed.	Listed.
DOP (Di-Octyl Phthalate)	117-84-0	Listed.	Listed.	Listed.	Listed.	Listed.	Listed.

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Iron oxide powder	1309-37-1	Listed.	Listed.	Listed.	Listed.	Listed.	Listed.
2,4,6-Tris(dimethylaminomethyl)phenol (DMP-30)	90-72-2	Listed.	Listed.	Listed.	Listed.	Listed.	Listed.
pyrogenic silica	112945-52-5	Not Listed.	Not Listed.	Not Listed.	Listed.	Listed.	Listed.

EINECS : European Inventory of Existing Commercial Chemical Substances

EC Inventory: EU Chemical Inventory

TSCA: United States Toxic Substances Control Act (TSCA) Inventory

NZIoC: New Zealand Inventory of Chemicals

PICCS: Philippines Inventory of Chemicals and Chemical Substances

China IECSC: Chinese Chemical Inventory of Existing Chemical Substances

16. Additional Information

16.1 Abbreviations and acronyms:

CAS	Chemical Abstracts Service
ADR	European Agreement concerning the International Carriage of Dangerous Goods by Road
RID	Regulation concerning the International Carriage of Dangerous Goods by Rail
IMDG	International Maritime Dangerous Goods
IATA	International Air Transportation Association
TWA	Time Weighted Average
STEL	Short term exposure limit
LC50	Lethal Concentration 50%
LD50	Lethal Dose 50%
EC50	Effective Concentration 50%

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