MATERIAL SAFETY DATA SHEET
(MSDS)

Applicant Name	:	Guangdong Fulaite Building Materials Co., Ltd
Applicant Address	:	NO. 49 Tong'an Avenue West, Dongfeng Town, Zhongshan City, Guangdong Province
Product Name	:	Liquid soft ceramic adhesive
Report No.	:	RT202606040072
Received Date	:	2026-5-29
Redact Period	:	2026-5-29 to 2026-6-4
Regulatory Requirements	:	As requested by the applicant, the Material Safety Data Sheet is prepared according to Globally Harmonized System of Classification and Labelling of Chemicals (GHS)Rev_11.

DONGGUAN RUITONG TESTING TECHNOLOGY SERVICE CO., LTD.

APPROVED

Date: 2026-6-4

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Address:The 2 floor,Huakai Building, Shenghe Road, Nancheng District,Dongguan City, China

Material Safety Data Sheet

SECTION 1. Identification of the substance/preparation and company

1.1 Product Name	:	Liquid soft ceramic adhesive
1.2 Model No.	:	/
1.3 Recommended Use	:	Ceramic tile joint filling
1.4 Applicant Name	:	Guangdong Fulaite Building Materials Co., Ltd
1.5 Applicant Address	:	NO. 49 Tong'an Avenue West, Dongfeng Town, Zhongshan City, Guangdong Province
1.6 Manufacturer Name	:	Guangdong Fulaite Building Materials Co., Ltd
1.7 Manufacturer Address	:	NO. 49 Tong'an Avenue West, Dongfeng Town, Zhongshan City, Guangdong Province
1.8 Manufacturer Tel / Fax	:	86-13600325941
1.9 Manufacturer Email	:	/
1.10 Emergency Phone	:	/

SECTION 2. Hazards identifications

2.1 Hazard Classification of substance or mixture（GHS）:

Skin corrosion/irritation category 2

Serious eye damage/eye irritation category 1

Specific target organ toxicity, single exposure; Respiratory tract irritation category 3

2.2 Pictograms:



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2.3 Signal word:

Danger

2.4 Hazard description:

H315:Causes skin irritation

H318:Causes serious eye damage

H335:May cause respiratory irritation

2.5 Precautionary description:

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

P264+P265:Wash hands and face thoroughly after handling.Do not touch eyes.

P271:Use only outdoors or in a well-ventilated area.

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

SECTION 3. Composition / information on ingredients

The difference between the single product and mixture: Mixture

Substance name	Conc. (%)	CAS.
Calcium carbonate	75.00	471-34-1
Acrylic emulsion	12.50	/
Water	11.45	7732-18-5
Twelve carbon alcohol ester	0.425	25265-77-4
Methyl isothiazolinone	0.20	2682-20-4
Carboxyethyl cellulose	0.15	/
Sodium polyacrylate	0.125	62601-60-9
Montmorillonite	0.05	1318-93-0
octylphenol polyoxyethylene ether	0.038	9036-19-5
2-Amino-2-methyl-1-propanol	0.037	124-68-5
Mineral oil	0.025	8042-47-5

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SECTION 4.First aid measures

General advice: Immediate medical attention is required. Show this safety data sheet (MSDS) to the doctor in attendance.

4.1 Following eye contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention immediately.

4.2 Following skin contact:

Immediately remove contaminated clothing and rinse skin with soap and water. Immediately consult a physician if feeling uncomfortable.

4.3 Following inhalation:

Move victim into fresh air.keep comfortable for breathing.If breathing is difficult, give oxygen. If not breathing, give cardiopulmonary resuscitation and consult a physician immediately.

4.4 Following ingestion:

If it is ingested, rinse the mouth with water.Seek medical attention immediately.

SECTION 5. Firefighting measures

5.1 Special hazards arising from the substance or mixture:

Not considered to be a fire hazard.Not easily ignited by fire.

5.2 Extinguishing Media:

Dry powder, Chemical foam, Carbon dioxide, water mist.

5.3 Advice for firefighters:

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

Extinguish fire in a safe distance with enough protection

Prevent fire extinguishing water from contaminating surface water or the ground water system.

5.4 Hazardous combustion products:

No data available.

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SECTION 6.Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:

Avoid contact with eyes and skin.

Ensure adequate ventilation. Remove all sources of ignition.

Evacuate personnel to safe areas. Keep people away from upwind of spill/leak.

Wear appropriate protective measures (SEE SECTION 8).

6.2 Environmental precautions:

Do not empty into drains. If the product contaminates lakes, rivers or sewages, inform appropriate authorities in accordance with local regulations.

6.3 Cleaning method:

Remove by liquid absorbing material (e.g. kieselguhr) . Adhered or collected material should be promptly disposed of. Disposal of discarded waste/pollutants refers to SECTION 13.

SECTION 7. Safe handling and storage

7.1 Handling Notes:

Closed operation, pay attention to ventilation..

Operators must undergo special training and strictly abide by the operating procedures.

It is recommended that operators wear filter-type gas masks (half-face masks),chemical safety goggles, acid and alkali resistant work clothes, and rubber gloves.

Keep away from fire and heat.

Avoid sun exposure.

Avoid contact with oxidants and acids.

When handling, load and unload with care to prevent damage to packaging and containers.

Equipped with leakage emergency treatment equipment.

7.2 Storage Notes:

Keep away from fire and heat.

Store in a cool, well-ventilated warehouse.

It should be stored separately from oxidants, acids, alkalis, and should not be stored together.

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The storage area should be equipped with suitable materials to contain the leakage.

Stored in compatible containers.

Keep storage containers sealed.

Do not store with food containers or incompatible materials (see section 10.2)

SECTION 8. Exposure controls / personal protection

8.1 Occupational Exposure Limit:

No information found

8.2 Engineering Control:

Keep substances sealed during production and keep indoor ventilation. Where reasonably practicable, this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL, suitable respiratory protection must be worn.

Ensure that eyewash stations and safety showers are proximal to the work-station location.

8.3 Respiratory Protection:

Wear filter mask.

If exposure limits are exceeded or if irritation or other symptoms are experienced, use a full-face respirator with multi-purpose combination (US) or type AXBEK (EN 14387) respirator cartridges.

8.4 Eyes Protection:

Wear protective goggle in working time.(Comply with the European Union EN 166 or The U.S. NIOSH standard.)If contacting with eyes, flush with plenty of water and seek medical advice.

8.5 Hands Protection:

Wear protective gloves (such as butyl rubber), passing the tests according to EN 374(EU),US F739 or AS/NZS 2161.1 standard.Wash with plenty of water if gloves puncture or skin exposure.

8.6 Sanitary Measure:

Forbid smoking, eating and drinking in working places. Washing hands after handling products.

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SECTION 9. Physical and chemical properties

Appearance and Color	Gray viscous liquid
Odour	Weak odor
PH value	No Data
Flammability	Non flammable
Flash point(℃,Closed cup)	No Data
Boiling point(℃)	No Data
Freezing point (℃)	No Data
Density(g/cm³)	No Data
Relative steam density (air = 1)	No Data
Vapor pressure(MPa)	No Data
Octanol/water partition coefficient	No Data
Viscosity （mPa/s）	No Data
Evaporation rate (kg/s)	No Data
UEL %(V/V)	No Data
LEL %(V/V)	No Data
Auto-ignition temperature(℃)	No Data
Decomposition temperature(℃)	No Data
Solubility	Partially soluble in water

SECTION 10.Stability and reactivity

10.1 Stability:

Stable under recommended storage and handling conditions (See section 7).

10.2 Material for avoiding:

Strong oxide, acid and alkali.

10.3 Contact conditions for avoiding:

Fire,High temperature.

10.4 Hazardous decomposition products:

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No data available.

SECTION 11. Toxicological information

11.1 Acute toxicity:

No information found.

11.2 Skin corrosion/irritation:

Causes skin irritation

11.3 Serious eye damage/irritation:

Causes serious eye damage

11.4 Respiratory or skin sensitisation:

May cause respiratory irritation

11.5 Germ cell mutagenicity:

No information found.

11.6 Carcinogenicity:

No information found.

11.7 Reproductive toxicity:

No information found.

11.8 STOT-single exposure:

No information found.

11.9 STOT-repeated exposure:

No information found.

11.10 Aspiration hazard.:

No information found.

SECTION 12. Ecological information

12.1 Ecotoxicity:

According to the environmental protection laws, this product can't be poured into sewers or drainage ditches, can't be discarded in those places which would affect soil and underground water.

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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

SECTION 13. Disposal considerations

13.1 Handling method for waste:

Handling waste according to the local regulations. Contact specific waste disposal company or companies recommended by local laws.

13.2 Handling method for uncleaned packaging:

According to official regulations.

SECTION 14. Transport information

IMDG,ICAO/IATA,ADR/RID 14.1 UN NO.: Not classified

IMDG,ICAO/IATA,ADR/RID 14.2 Class: Not classified

IMDG,ICAO/IATA,ADR/RID 14.3 Packaging group: Not classified

IMDG,ICAO/IATA,ADR/RID 14.4 Technical name: Not classified

IMDG,ICAO/IATA,ADR/RID 14.5 Label: Not classified

14.6 Attention Notes: Gentle with, prevent collision drag and dump.Prohibition with antioxidant and food chemical mixed stowage,transit should prevent sun、fire、rain and high temperature.

14.7 Transport/Additional information： According to the Certification for Safe Transport of Chemical Goods test results.The product is not subject to IMO IMDG Code.

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SECTION 15. Regulatory information

Hazardous chemicals catalog

International maritime dangerous goods code

Dangerous Goods Number Of United Nations

Technical Instructions for the Safe Transport of Dangerous Goods by Air

Classification and code of dangerous goods

Occupational Safety and Health Act (OSHA)

The principle of classification of transport packaging groups of dangerous goods

Globally Harmonized System of Classification and Labelling of Chemicals

In accordance with all local laws.

SECTION 16. Other information

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