

SAFETY DATA SHEET

1. Identification of the substance or mixture and of the supplier

1.1 Product Name:

Glaslonomer Cement "LIQUID"

1.2 Company /Undertaking identification

Manufacturer's Name: **SHOFU INC.**

Address: 11 Kamitakamatsu-cho, Fukuine, Higashiyama-ku, Kyoto 605-0983 ,JAPAN

Phone: +81-75-561-1112

Fax: +81-75-561-2273

Section in Charge: Quality Assurance Section

Date Prepared: 2014.9.22

1.3 Emergency Telephone Number

+81-75-561-1112

2. Hazards identification

GHS CLASSIFICATION

PHYSICAL HAZARDS

FLAMMABLE LIQUIDS

Not Classified

The thing without mention is out of a classification object. Or cannot classify it.

LABEL ELEMENTS

SYMBOL —

SIGNAL WORD —

HAZARD STATEMENTS —

PRECAUTIONARY STATEMENTS

[Prevention]

Obtain special instruction before use.

Do not handle until all safety precautions have been read and understood.

Wear protective gloves and eye/face protection.

Do not breathe dust/fume/gas/mist/vapours/spray.

Keep container tightly closed.

Wash hands thoroughly after handling.

[Response]

If you feel un-well, get medical advice/attention.

If on skin, wash with plenty of soap and water. If on skin, skin irritation, get medical advice/attention.

If in eyes, rinse cautiously with water for several minutes.

Remove contact lenses, if present and easy to do.

If eye irritation persists, get medical advice/attention.

[Storage]

Store in a cool and dark area.

[Disposal]

Dispose of contents and container in accordance with regulation.

3. Composition/information on ingredients

Composition

Copolymer of acrylic acid and tricarboxylic acid (Water solution)

Tartaric acid [Cas No.87-69-4]

Others

Content

> 90%

< 10%

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Hazardous ingredients are not include.

4.First-aid measures

- 4.1 Eye contact :* Rinse cautiously with water for several minutes. Remove contact lenses, if present. and easy to do. If eye irritation persists, get medical advice/attention.
- 4.2 Skin contact :* Wash immediately with soap and plenty of water. If on skin, skin irritation, get medical advice/attention.
- 4.3 Ingestion :* Rinse mouth. Get medical advice/attention.
- 4.4 Inhalation :* Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptom concerning breath goes out, call a POISON CENTER to doctor.

5.Fire-fighting measures

- 5.1 Suitable Extinguishing Media:* Powder, Alcohol-resistsnt foam, Carbon dioxide.
- 5.2 Extinguishing Media Should not be used :* N/A
- 5.3 Special Exposure Hazards Arising:* N/A
- 5.4 Special Protective Equipment:* N/A

6.Accidental release measures

- 6.1 Personal Precautions:* See section 8. Avoid contact with eyes and skin.
- 6.2 Environmental Precautions:* Send to approved treatment/disposal company or dispose according to local, state and federal regulations.
- 6.3 Methods for Cleaning Up:* Wipe up and discard in a suitable container.

7.Handling and storage

- 7.1 Handling:* Ventilation. Local exhaust. Avoid inhaling and contact with eyes and skin. Keep away from ignition sources and separate from strong oxidizer.
- 7.2 Storage:* Store in a cool and dry place out of direct sunlight and source of ignition. Separated from organic peroxide. Keep containers closed.

8.Exposure controls/personal protection

- 8.1Exposure limits:* ACGIH TLV.
None assigned.
- 8.2 Respiratory Protection:* Local exhaust
- 8.3 Hand Protection:* Latex or rubber gloves.
- 8.4 Eye Protection:* Safety goggles or eye protection.
- 8.5 Skin Protection:* Not required. General protective overalls.

9.Physical and chemical properties

- 9.1 Appearance/Odour/pH* Odourless, color less liquid
- 9.2 Boiling Point/Boiling Range:* $\cong 100^{\circ}\text{C}$
- 9.3 Melting Point/Melting Range:* N/D
- 9.4 Flash point:* N/D
- 9.5 Auto flammability:* N/D
- 9.6 Explosive Properties:* N/D
- 9.7 Oxidizing Properties:* N/D
- 9.8 Vapour Pressure:* N/D
- 9.9 Relative Density:* 1.27
- 9.10 Solubility: water solubility* Soluble

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10.Stability and reactivity

<i>10.1 Stability:</i>	Stable under recommended storage conditions.
<i>10.2 Reactivity:</i>	N/A
<i>10.3 Condition to avoid:</i>	Avoid direct sunlight and high temperature.
<i>10.4 Materials to avoid:</i>	N/A

11.Toxicological information

No information

12.Ecological information

The product should not be allowed to drain into sewers.

13.Disposal considerations

Dispose of contents/container to in accordance with local/regional/national/international regulations.

14.Transport information

Airline restriction information ; It doesn't correspond.
UN No. ; It doesn't correspond.
Sea restriction information ; It doesn't correspond.
UN No. ; It doesn't correspond.

15.Regulatory information

Follow all regulations in your country.

16.Other information

This product is intended for use by dental professionals. (instrument/material)