

MATERIAL SAFETY DATA SHEET

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

1.1 Product Name:

Giaslonomer Cement Version2 IMPROVED " LIQUID "

1.2 Company /Undertaking identification

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

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

Phone: +81- 75- 561- 1112

Fax: +81- 75- 561- 2273

Section in Charge: Quality Assurance Section

Date Prepared 2012.6.7

1.3 Emergency Telephone Number

+81- 75- 561- 1112

2 Hazards identification

GHS CLASSIFICATION

It is not possible to 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.

[Storage]

Store in a cool and dark area.

[Disposal]

Dispose of contents and container in accordance with regulation.

3.Composition/information on ingredients

<i>Composition</i>	<i>%</i>
Polyacrylic acid [Cas No.9003- 01- 4]	< 50
Tartaric acid [Cas No.87- 69- 4]	< 5
Water [Cas No.7732- 18- 5]	> 50

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

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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-resistant 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

8.1 *Exposure 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*: Colorless viscous liquid with perceptible odor.
 9.2 *Boiling Point/Boiling Range*: $\approx 100^{\circ}\text{C}$
 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*: N/D
 9.10 *Solubility: water solubility*: Soluble

10. Stability and reactivity

10.1 *Stability*: Stable under recommended storage conditions.
 10.2 *Reactivity*: N/A
 10.3 *Condition to avoid*: Excessive heat (high temperature), open flames, ignition source, and exposure to sunlight

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10.4 Materials to avoid

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)