

# MATERIAL SAFETY DATA SHEET

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

### 1.1 Product Name:

Glaslonomer FX- "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: 2012.3.14

### 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

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

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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

- 8.1 *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:* 100
- 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

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**10. Stability and reactivity**

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|---------------------------------|---|
| <i>10.1 Stability:</i>          | Stable under recommended storage conditions.  |
| <i>10.2 Reactivity:</i>         | N/A   |
| <i>10.3 Condition to avoid:</i> | Excessive heat (high temperature), open flames, ignition source, and exposure to sunlight |
| <i>10.4 Materials to avoid:</i> | N/A   |

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**11. Toxicological information**

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No information

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**12. Ecological information**

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The product should not be allowed to drain into sewers.

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**13. Disposal considerations**

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

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**14. Transport information**

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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.

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**15. Regulatory information**

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Follow all regulations in your country.

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**16. Other information**

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