

MATERIAL SAFETY DATA SHEET

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

1.1 Product Name:

Glaslonomer FX- II CAPSULE

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 2012.11.15

1.3 Emergency Telephone Number

+81- 75- 561- 1112

2. Hazards identification

GHS CLASSIFICATION

POWDER

It is not possible to classify it.

LIQUID

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.

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

Do not breathe dust/mist/vapours.

Wash hands thoroughly after handling

Avoid release to the environment.

[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

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	<i>Composition</i>	%
POWDER	Alumino fluoro silicate glass	> 90
	Others	
LIQUID	Polyacrylicacid [Cas No.9003- 01- 4]	< 50
	Tartaric acid [Cas No.87- 69- 4]	< 5
	Water [Cas No.7732- 18- 5]	> 50
CAPSULE	Main body	Polycarbonate
	Nozzle	Polypropylene
	Liquid room	Highdensity Polyethylene
	Plunger	Highdensity Polyethylene

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*: Local dust extraction measures are recommended. Avoid inhaling and contact with eyes and skin.
Handling of the product exclusively restrict to dental specialists, according to the instruction for use.
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.

8. Exposure controls/personal protection

- 8.1 *Exposure limits*: ACGIH TLV.
None assigned.
- 8.2 *Respiratory Protection*: Dust mask(may be)
- 8.3 *Hand Protection*: Latex or rubber gloves
- 8.4 *Eye Protection*: Safety goggles or eye protection.

MATERIAL SAFETY DATA SHEET*8.5 Skin Protection:*

Not required. General protective overalls.

9. Physical and chemical properties

<i>9.1 Appearance/Odour/pH</i>	Powder: White odourless powder Liquid: Colorless viscous liquid with perceptible odor
<i>9.2 Boiling Point/Boiling Range:</i>	N/D
<i>9.3 Melting Point/Melting Range:</i>	N/D
<i>9.4 Flash point:</i>	N/D
<i>9.5 Auto flammability:</i>	N/D
<i>9.6 Explosive Properties:</i>	N/D
<i>9.7 Oxidizing Properties:</i>	N/D
<i>9.8 Vapour Pressure:</i>	N/D
<i>9.9 Relative Density:</i>	≅ 2.5(Powder)
<i>9.10 Solubility: water solubility</i>	Powder: Insoluble Liquid: Soluble

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>	Excessive heat (high temperature), open flames, ignition source, and exposure to sunlight
<i>10.4 Materials to avoid</i>	N/A

11. Toxicological information

No information

12. Ecological information

No information

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)