

MATERIAL SAFETY DATA SHEET

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

1.1 Product Name:

Glaslonomer Cement Type "POWDER"

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: 2011.11.10

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.

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

Keep container tightly closed.

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

Composition

Alumino fluoro silicate glass

Hazardous ingredients are not include.

Content

> 90%

4. First-aid measures

4.1 Eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present.

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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 and seek medical advice if necessary.
- 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

This product is non-flammable.

- | | |
|---|-----|
| 5.1 <i>Suitable Extinguishing Media:</i> | N/A |
| 5.2 <i>Extinguishing Media Should not be used :</i> | N/A |
| 5.3 <i>Special Exposure Hazards Arising:</i> | N/A |
| 5.4 <i>Special Protective Equipment:</i> | N/A |

6.Accidental release measures

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

7.Handling And Storage

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|----------------------|---|
| 7.1 <i>Handling:</i> | Local dust extraction measures are recommended. Avoid prolonged inhalation. Handling of the product exclusively restrict to dental specialists, according to the instruction for use. |
| 7.2 <i>Storage:</i> | Store in a cool and dry conditions with lid tightly closed. |

8.Exposure controls/personal protection

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|------------------------------------|--|
| 8.1 <i>Exposure limits:</i> | ACGIH TLV.
None assigned. |
| 8.2 <i>Respiratory Protection:</i> | Dust mask(may be) |
| 8.3 <i>Hand Protection:</i> | Latex or rubber gloves |
| 8.4 <i>Eye Protection:</i> | Safety goggles or eye protection. |
| 8.5 <i>Skin Protection:</i> | Not required. General protective overalls. |

9.Physical and chemical properties

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|--|------------------------|
| 9.1 <i>Appearance/Odour/pH</i> | White odourless powder |
| 9.2 <i>Boiling Point/Boiling Range:</i> | N/D |
| 9.3 <i>Melting Point/Melting Range:</i> | N/D |
| 9.4 <i>Flash point:</i> | N/D |
| 9.5 <i>Auto flammability:</i> | N/D |
| 9.6 <i>Explosive Properties:</i> | N/D |
| 9.7 <i>Oxidizing Properties:</i> | N/D |
| 9.8 <i>Vapour Pressure:</i> | N/D |
| 9.9 <i>Relative Density:</i> | 2.5 |
| 9.10 <i>Solubility: water solubility</i> | Insoluble |

10.Stability and reactivity

- | | |
|-------------------------|--|
| 10.1 <i>Stability:</i> | Stable under recommended storage conditions. |
| 10.2 <i>Reactivity:</i> | N/A |

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10.3 Condition to avoid:

Avoid direct sunlight and high temperature.

10.4 Materials to avoid:

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)