

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

076344931

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

076344600

**Material Safety Data Sheet**

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

**U.S. Department of Labor**  
Occupational Safety and Health Administration  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0022



**IDENTIFY (As Used on Label and LHM)**  
CoreShade GlasIonomer Base Powder

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.

**Section I**

|   |  |
|---|--|
| Manufacturer's Name<br>Shofu Dental Corporation   | Emergency Telephone Number<br>1-800-535-5053     |
| Address (Number, Street, City, State, and ZIP Code)<br>1225 Stone Drive<br>San Marcos, CA 92078 | Telephone Number for Information<br>760-736-3277 |
| Date Prepared<br>01/10/2013   | Signature of Preparer (optional)                 |

**Section II - Hazardous Ingredients/Identify Information**

| Hazardous Component (Specific Chemical Identity, Common Name(s))                          | OSHA PEL | ACGIH TLV | Other Limits Recommended | % (optional) |
|---|----------|-----------|--------------------------|--------------|
| No hazardous material is present in concentration greater than 1% (0.1% for carcinogens). |          |           |                          |              |

**Section III - Physical/Chemical Characteristics**

|                         |                        |   |     |
|-------------------------|------------------------|---|-----|
| Boiling Point           | N/A                    | Specific Gravity (H <sub>2</sub> O = 1) | N/A |
| Vapor Pressure (mm Hg.) | N/A                    | Melting Point                           | N/A |
| Vapor Density (AIR = 1) | N/A                    | Evaporation Rate (Butyl Acetate = 1)    | N/A |
| Solubility in Water     | Insoluble              |   |     |
| Appearance and Color    | White, odorless powder |   |     |

**Section IV - Fire and Explosion Hazard Data**

|                                    |     |                  |     |     |     |
|------------------------------------|-----|------------------|-----|-----|-----|
| Flash Point (Method Used)          | N/A | Flammable Limits | N/A | LEL | UEL |
| Extinguishing Media                | N/A |                  |     |     |     |
| Special Fire Fighting Procedures   | N/A |                  |     |     |     |
| Unusual Fire and Explosion Hazards | N/A |                  |     |     |     |

**CoreShade GlasIonomer Base Powder**

**Section V - Reactivity Data**

|                                       |                |                     |
|---------------------------------------|----------------|---------------------|
| Stability                             | Unstable       | Conditions to Avoid |
|                                       | Stable         | X                   |
| Incompatibility (Materials to Avoid)  | N/A            |                     |
| Hazardous Decomposition or Byproducts | N/A            |                     |
| Hazardous Polymerization              | May Occur      | Conditions to Avoid |
|                                       | Will Not Occur | X                   |

**Section VI - Health Hazard Data**

|                                    |                 |                  |                 |
|------------------------------------|-----------------|------------------|-----------------|
| Route(s) of Entry:                 | Inhalation?     | Skin?            | Ingestion?      |
|                                    | May be possible | N/A              | May be possible |
| Health Hazards (Acute and Chronic) | No data         |                  |                 |
| Carcinogenicity:                   | NTP?            | IARC Monographs? | OSHA Regulated? |
|                                    | N/A             | N/A              | N/A             |

Signs and Symptoms of Exposure  
Contact with eyes may cause irritation due to foreign body reaction.

Medical Conditions Generally Aggravated by Exposure  
Unknown

Emergency and First Aid Procedures  
Eye contact: Flush promptly with flowing water. If irritation develops, consult a physician. Ingestion: Drink plenty of water. Consult a physician if necessary.

**Section VII - Precautions for Safe Handling and Use**  
Steps to be Taken in Case Material is Released or Spilled  
Wipe up and discard in a suitable container.

Waste Disposal Method  
Disposal must be in accordance with federal, state, and local regulations.

Precautions to be Taken in Handling and Storage  
Store in a cool area with lid tightly closed.

Other Precautions  
Handling of the product exclusively by dental specialists according to the instructions for use.

**Section VIII - Control Measures**

|  |                      |                |                 |
|--|----------------------|----------------|-----------------|
| Respiratory Protection (Specify Type)  | N/A                  |                |                 |
| Ventilation                            | Local Exhaust        | Special        |                 |
|  | Mechanical (General) | Other          |                 |
| Protective Gloves                      | N/A                  | Eye Protection | May be required |
| Other Protective Clothing or Equipment | N/A                  |                |                 |
| Work/Hygiene Practices                 | Avoid eye contact    |                |                 |

# SAFETY DATA SHEET

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

### 1.1 Product Name:

**CoreShade GlasIonomer Base Cement "POWDER"**

### 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. Hazardous identification

### GHS CLASSIFICATION

|                  |  |                  |
|------------------|--|------------------|
| PHYSICAL HAZARDS | FLAMMABLE SOLIDS   | Not Classified   |
|                  | PYROPHORIC SOLIDS  | Not Classified   |
|                  | SELF-HEATING SUBSTANCES AND MIXTURES                                     | Not Classified   |
|                  | SUBSTANCES AND MIXTURES WHICH,IN CONTACT WITH WATER,EMIT FLAMMABLE GASAS | Not Classified   |
| HEALTH HAZARDS   | OXIDIZING SOLIDS   | Not Classified   |
|                  | ACUTE TOXICITY-ORAL  | Not Classified   |
|                  | EYE DAMAGE/IRRITATION  | Category 2B      |
|                  | SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)              | Category 2(lung) |

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

### LABEL ELEMENTS

#### SYMBOL



#### SIGNAL WORD

Warning

#### HAZARD STATEMENTS

Causes eye irritation  
Warning May cause damage to organs through prolonged or repeated exposure(lung)

#### PRECAUTIONARY STATEMENTS

[Prevention]  
Obtain special instruction before use.  
Do not handle until all safety precautions have been read and understood.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Do not breathe dust.  
Wash hands thoroughly after handling.  
[Response]  
Get medical advice/attention if you feel unwell.  
IF IN EYES: Rinse cautiously with water for several minutes.

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Remove contact lenses, if present and easy to do. Continue rinsing.

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>            | <i>Content</i> |
|-------------------------------|----------------|
| Alumino fluoro silicate glass | ≐ 85%          |
| Barium sulphate               | ≐ 15%          |

Others

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 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 Suitable Extinguishing Media:** N/A

**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 prolonged inhalation. Handling of the product exclusively restrict to dental specialists, according to the instruction for use.

**7.2 Storage:** Store in a cool and dry conditions with lid tightly closed.

### 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.

**8.5 Skin Protection:** Not required. General protective overalls.

# SAFETY DATA SHEET

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## 9. Physical and chemical properties

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|  |                                 |
|--|---------------------------------|
| <i>9.1 Appearance/Odour/pH</i>           | Yellowish white odorless powder |
| <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>             | $\approx 2.3 \text{ g/cm}^3$    |
| <i>9.10 Solubility: water solubility</i> | Insoluble                       |

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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> | Avoid direct sunlight and high temperature.  |
| <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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No information

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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)