

# MATERIAL SAFETY DATA SHEET

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

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### 1.1 Product Name:

**GYPSUM "DENSITE, MODEL STONE, HYDROGIPS, MODEROCK II  
UNI STONE, CAPSTONE DF"**

### 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: 2011.9.20

### 1.3 Emergency Telephone Number

+81-75-561-1112

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## 2. Hazards identification

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### GHS CLASSIFICATION

It is not possible to classify it.

### LABEL ELEMENTS

SYMBOL —  
SIGNAL WORD —  
HAZARD STATEMENTS —  
PRECAUTIONARY STATEMENTS

#### [Prevention]

If inhaled, causes irritation to the respiratory tract. Symptoms may include coughing, shortness of breath.

If swallowed, may cause obstruction in stomach, as it hardens with moisture.

Symptoms include stomach pain, distress

If on skin, causes irritation, redness, pain.

If in eyes, causes irritation, redness, and pain.

#### [Response]

If in eyes, rinse cautiously with water for at least 15 minutes. If eye irritation persists, get medical advice/attention.

If on skin, wash with plenty of soap and water. If on skin, skin irritation, get medical advice/attention.

If inhaled, remove to fresh air. If not breathing, give artificial respiration.

If breathing is difficult, give oxygen. Get medical attention.

If swallowed, induce vomiting immediately as directed by medical personnel.

Never give anything 'by mouth' to an unconscious person. Get medical attention.

#### [Storage]

Store in a dark and cool place indoors, with containers tightly closed.

#### [Disposal]

Dispose of contents and container in accordance with regulation.

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## 3. Composition/information on ingredients

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Calcium Sulfate (anhydrous) [Cas No.7778-18-9]	> 99	%
others		

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## 4. First-aid measures

- 4.1 *Eye contact* : Immediately flush eyes with plenty of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention immediately.
- 4.2 *Skin contact* : Immediately flush skin with plenty of water for at least 15 minutes. Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
- 4.3 *Ingestion* : Induce vomiting immediately as directed by medical personnel. Never give a by mouth to an unconscious person. Get medical attention.
- 4.4 *Inhalation*: Remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

## 5. Fire-fighting measures

**This product is non-flammable.**

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|--|-----|
| 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

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|-------------------------------------|---|
| 6.1 <i>Personal Precautions:</i>    | See section 8.  |
| 6.2 <i>Methods for Cleaning Up:</i> | Small quantities can be washed to drain with plenty water.<br>Large quantities should be collected by wet sweeping or vacuum. |

## 7. Handling and storage

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|---------------------|--|
| 7.1 <i>Handling</i> | Local dust extraction measures are recommended.            |
| 7.2 <i>Storage:</i> | Store under normal dry conditions. Keep containers closed. |

## 8. Exposure controls/personal protection

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|------------------------------------|--|---|
| 8.1 <i>Exposure limits:</i>        | CAS No.                                    | OSHA PEL  |
|                                    | Calcium Sulfate (anh) 7778-18-9            | 15mg/m <sup>3</sup> total dust, 5mg/m <sup>3</sup> respirable fraction<br>ACGIH TLV<br>10mg/m <sup>3</sup> (TWA) inhalable fraction |
| 8.2 <i>Respiratory Protection:</i> | Dust mask                                  |   |
| 8.3 <i>Hand Protection:</i>        | Latex or rubber gloves                     |   |
| 8.4 <i>Eye Protection:</i>         | Safety goggles (May be required)           |   |
| 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</i>              | Odourless powder |
| 9.2 <i>Boiling Point/Boiling Range:</i>  | N/D              |
| 9.3 <i>Melting Point/Melting Range:</i>  | 1450°C           |
| 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>             | ≈ 2.3 (water=1)  |
| 9.10 <i>Solubility: water solubility</i> | Slight(0.1- 1%)  |

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**10. Stability and reactivity**

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- 10.1 Stability:* Stable under ordinary conditions of use and storage.
- 10.2 Hazardous Decomposition Products:*  
Burning may produce sulfur oxides.
- 10.3 Incompatibilities:* Diazomethane, aluminum, phosphorous.

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**11. Toxicological information**

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No LD50/LC50 information found relating to normal routes of occupational exposure.

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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)