

SAFETY DATA SHEET



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

*1.1 Product Name:***Ceravety Press & Cast "LIQUID"***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. 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/mist/vapours.

Keep container tightly closed.

Wash hands thoroughly after handling.

[Response]

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

If on skin, wash with plenty of soap and water.

If you feel un-well, get medical advice/attention.

[Storage]

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

[Disposal]

Dispose of contents and container in accordance with regulation.

3. Composition/information on ingredients

Colloidal Silica (Amorphous) [Cas No.7631-86-9] ≒ 30 %

Water

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

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- 4.3 *Ingestion* : Rinse mouth. Get medical advice/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

These 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> | Absorb with sand or vermiculite, and wipe up with a dust cloth.
Collect in the plastic bag and remove to a safe place. |

7.Handling and storage

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| 7.1 <i>Handling:</i> | Avoid contact with skin, eyes and clothing. Avoid generating dust and/or mist. |
| 7.2 <i>Storage:</i> | Store material at the condition of normal working area temperatures (0~40°C).
Keep containers closed. |

8.Exposure controls/personal protection

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|------------------------------------|--|---|
| 8.1 <i>Exposure limits:</i> | | |
| ACGIH | silica (Amorphopus)fume | TLV/TWA 2.0mg/m ³ (Respirable) |
| | silica (Amorphopus)fused | TLV/TWA 0.1mg/m ³ (Respirable) |
| 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/pH</i> | Odourless slightly yellow translucent liquid |
| 9.2 <i>pH:</i> | 9.5~10.5 |
| 9.3 <i>Amorphous Silica content:</i> | ≒ 30 % |
| 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> | ≒ 1.2 (water=1) |
| 9.10 <i>Solubility: water solubility</i> | Soluble |

10.Stability and reactivity

These product is considered to be stable.

11.Toxicological information

May cause irritation on contact with skin or eyes. Prolonged exposure to amorphous silica

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mist or dusts may cause respiratory disease.

Acute toxicity : Oral, mouse: LD50 > 80000 mg/kg
Silica (Amorphopus) ; Oral, rat: LD50 = 3160 mg/kg
Carcinogenicity IARC 3

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)