

## 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.

- |  |     |
|--|-----|
| 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.  |
| 6.2 Methods for Cleaning Up: | Absorb with sand or vermiculite, and wipe up with a dust cloth.<br>Collect in the plastic bag and remove to a safe place. |

## 7. Handling and storage

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

## 8. Exposure controls/personal protection

- 8.1 Exposure limits:
- |       |                          |   |
|-------|--------------------------|---|
| ACGIH | silica (Amorphous) fume  | TLV/TWA 2.0mg/m <sup>3</sup> (Respirable) |
|       | silica (Amorphous) fused | TLV/TWA 0.1mg/m <sup>3</sup> (Respirable) |
- 8.2 Respiratory Protection: Dust mask
- 8.3 Hand Protection: Latex or rubber gloves
- 8.4 Eye Protection: Safety goggles (May be required)
- 8.5 Skin Protection: Not required. General protective overalls.

## 9. Physical and chemical properties

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|-----------------------------------|--|
| 9.1 Appearance/Odour/pH           | Odourless slightly yellow translucent liquid |
| 9.2 pH:                           | 9.5~10.5                                     |
| 9.3 Amorphous Silica content:     | ≒ 30 %                                       |
| 9.4 Flash point:                  | N/D  |
| 9.5 Auto flammability:            | N/D  |
| 9.6 Explosive Properties:         | N/D  |
| 9.7 Oxidizing Properties:         | N/D  |
| 9.8 Vapour Pressure:              | N/D  |
| 9.9 Relative Density:             | ≒ 1.2 (water=1)                              |
| 9.10 Solubility: water solubility | 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 (Amorphopous) ; Oral, rat: LD50 = 3160 mg/kg  
Carcinogenicity IARC 3

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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)