

## MATERIAL SAFETY DATA SHEET

**1. Identification of the substance or mixture and of the supplier***1.1 Product Name:*

Ceravety Press &amp; Cast "LIQUID"

*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

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Section in Charge: Quality Assurance Section

Date Prepared 2011.9.20

*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.

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4.2 *Skin contact* : Wash with soap and water. If on skin, skin irritation, get medical advice/attention.

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. Collect in the plastic bag and remove to a safe place.

### 7. Handling and storage

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). Keep containers closed.

### 8. Exposure controls/personal protection

8.1 *Exposure limits*:

ACGIH silica Amorphopus)fume TLV/TWA 2.0mg/m<sup>3</sup>(Respirable)

silica Amorphopus)fused TLV/TWA 0.1mg/m<sup>4</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

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.

**MATERIAL SAFETY DATA SHEET****11.Toxicological information**

May cause irritation on contact with skin or eyes. Prolonged exposure to amorphous silica mist or dusts may cause respiratory disease.

Acute toxicity : Oral, mouse: LD50 > 80000 mg/kg  
Silica (Amorphous) ; 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)