



SAFETY DATA SHEET

page 1/5
Ceravety Press & Cast
LIQUID
Printing date: August 26, 2019

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

1.1 Product identifier

Trade Name:

Ceravety Press & Cast "LIQUID"

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses: Dental material

Uses advised against: No further data

1.3 Details of the supplier of the safety data sheet

Company/Undertaking identification

Manufacturer's Name: **SHOFU DENTAL CORPORATION**

Address: 1225 Stone Drive, San Marcos, CA 92078 USA

Toll Free: 1-800-827-4638

Phone: 760-736-3277

Fax: 760-736-3276

E-Mail: customer-service@shofu.com

Section in Charge: Quality Management & Regulatory Affairs

1.4 Emergency Telephone Number

For emergencies only. Call CHEMTREC: +1 703-741-5970 / 1-800-424-9300 (24 hours)

SECTION 2. Hazards identification

2.1 GHS Classification

It is not possible to classify it.

2.2 Label elements

SYMBOL Void

SIGNAL WORD Void

HAZARD STATEMENTS Void

PRECAUTIONARY STATEMENTS

[Prevention]

Do not handle until all safety precautions have been read and understood.

[Response]

Get medical advice/attention if you feel unwell.

[Storage]

Store under normal dry conditions.

[Disposal]

Dispose of contents and container in accordance with regulation.

2.3 Other hazards

Results of PBT and vPvB assessment

PBT: Not applicable.

vPvB: Not applicable.

SECTION 3. Composition/information on ingredients

3.1 Chemical characterization: Mixtures



SAFETY DATA SHEET

page 2/5
Ceravety Press & Cast
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- 3.2 Description: -
- 3.3 Dangerous components: Void
Colloidal Silica (Amorphous) [Cas No. 7631-86-9] 20-40 %
Water
- 3.4 Additional information: For the wording of the listed risk phrases refer to section 2

SECTION 4. First-aid measures

- 4.1 Description of first aid measures
- Eye contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists: Get medical advice/attention.
- Skin contact: Wash with plenty of water and soap.
If skin irritation occurs: Get medical advice/attention.
- Ingestion: Rinse mouth. Get medical advice/attention if you feel unwell.
- Inhalation: Remove person to fresh air and keep comfortable for breathing.
If symptom concerning breath goes out, call a POISON CENTER to doctor.
- 4.2 Most important symptoms and effects, both acute and delayed
No further relevant information available.
- 4.3 Indication of any immediate medical attention and special treatment needed
No further relevant information available.

SECTION 5. Fire-fighting measures

- 5.1 Extinguishing Media:
The product is not flammable.
- 5.2 Special hazards arising from the substance or mixture:
No further relevant information available.
- 5.3 Advice for firefighters:
No further relevant information available.

SECTION 6. Accidental release measures

- 6.1 Personal precautions, protective equipment and emergency procedures:
Don't breathe dust.
Wear appropriate protective equipment.
- 6.2 Environmental Precautions:
Send to approved treatment/disposal company or dispose according to local, state and federal regulations.
- 6.3 Methods and material for containment and 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.
- 6.4 Reference to other section:
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.



SAFETY DATA SHEET

page 3/5
Ceravety Press & Cast
LIQUID
Printing date: August 26, 2019

SECTION 7. Handling and storage

- 7.1 Precautions for safe handling:
Avoid contact with skin, eyes and clothing. Avoid generating dust and/or mist.
- 7.2 Conditions for safe storage, including any incompatibilities:
Store under normal dry conditions. Keep containers closed.
Be careful not to freeze in cold areas in winter. Once frozen, do not use it because initial performance can not be secured.
- 7.3 Specific end use(s):
No further relevant information available.

SECTION 8. Exposure controls/personal protection

- 8.1 Control parameters:
Exposure limits:
- | | | |
|------------------------------|---------|------------------------------------|
| ACGIH Silica (amorphous)fume | TLV-TWA | 2.0 mg/m ³ (Respirable) |
| Silica (amorphous)fused | TLV-TWA | 0.1 mg/m ³ (Respirable) |
- 8.2 Exposure controls:
Respiratory Protection:
Dust mask
- Skin Protection: Hand Protection
Plastics gloves
- Eye Protection: Safety goggles

SECTION 9. Physical and chemical properties

- 9.1 Information on basic physical and chemical properties
- | | |
|--|--|
| Appearance/Odor/Colour: | Odourless slightly yellow translucent liquid |
| Odour threshold | Not determined. |
| pH | 9.5-10.5 |
| Melting point/freezing point | Not determined. |
| Boiling Point: | ≈ 100 °C |
| Flash point: | Not determined. |
| Evaporation rate | Not determined. |
| Flammability (solid, gas) | Not applicable. |
| Upper/lower flammability or explosive limits | Not determined. |
| Vapour pressure | Not determined. |
| Vapour density | Not determined. |
| Relative Density: | ≈ 1.2 (Water=1) |
| Solubility: water solubility | Soluble |
| Partition coefficient: n-octanol/water | Not determined. |
| Auto-ignition temperature | Not determined. |
| Decomposition temperature | Not determined. |
| Viscosity | Not determined. |
| Explosive properties | Not applicable. |
| Oxidising properties | Not applicable. |
- 9.2 Other information
No further relevant information available.



SAFETY DATA SHEET

page 4/5
Ceravety Press & Cast
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SECTION 10. Stability and reactivity

- 10.1 Reactivity:
When mixed with acid and alkali, may gel.
- 10.2 Chemical stability:
Stable under normal temperatures and pressures.
- 10.3 Possibility of hazardous reactions:
No dangerous reactions known.
- 10.4 Condition to Avoid:
No further relevant information available.
- 10.5 Incompatible materials:
No further relevant information available.
- 10.6 Hazardous Decomposition Products:
None under normal conditions of storage and use.

SECTION 11. Toxicological information

- 11.1 Information on toxicological effects:
- | | | | | |
|-----------------|-------------------------------|-------|------|---------------|
| Acute toxicity: | Oral | mouse | LD50 | > 80000 mg/kg |
| | Colloidal Silica (Amorphous); | | | |
| | Oral | rat | LD50 | 3160 mg/kg |
- Skin corrosion/irritation: Based on available data, the classification criteria are not met.
- Eye damage/irritation: Based on available data, the classification criteria are not met.
- Sensitization to the respiratory tract:
Based on available data, the classification criteria are not met.
- Skin sensitization: Based on available data, the classification criteria are not met.
- Germ cell mutagenicity/Genotoxicity:
Based on available data, the classification criteria are not met.
- Carcinogenicity: Based on available data, the classification criteria are not met.
- Reproductive toxicity: Based on available data, the classification criteria are not met.
- Effects on or via lactation: Lack of data.
- Specific target organ toxicity (single exposure):
Based on available data, the classification criteria are not met.
- Specific target organ toxicity (repeated exposure):
Based on available data, the classification criteria are not met.
- Aspiration hazard: Based on available data, the classification criteria are not met.

SECTION 12. Ecological information

- 12.1 Toxicity:
No further relevant information available.
- 12.2 Persistence and degradability:
No further relevant information available.
- 12.3 Bioaccumulative potential:
No further relevant information available.
- 12.4 Mobility in soil:
No further relevant information available.
- 12.5 Results of PBT and vPvB assessment:
Not applicable.



SAFETY DATA SHEET

page 5/5
Ceravety Press & Cast
LIQUID
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12.6 Other adverse effects:
No further relevant information available.

SECTION 13. Disposal considerations

13.1 Waste treatment methods:
Dispose of contents/container to in accordance with local/regional/national/international regulations.

SECTION 14. Transport information

14.1 UN number: Void
14.2 UN proper shipping name: Void
14.3 Transport hazard class(es): Void
14.4 Packing group: Void
14.5 Environmental hazards: No further relevant information available.
14.6 Special precautions for user: Not applicable.
14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:
Not applicable.

SECTION 15. Regulatory informati

Follow all regulations in your country.

SECTION 16. Other information

This product is intended for use by dental professionals. (instrument/material)

Abbreviations and acronyms:

CAS: Chemical Abstracts Service (division of the American Chemical Society)
LD50: Lethal dose, 50 percent
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative