



# SAFETY DATA SHEET

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Ceravety Press & Cast  
POWDER  
Printing date: April 30, 2024

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

### 1.1 Product identifier

Trade Name:

**Ceravety Press & Cast "POWDER"**

### 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

HEALTH HAZARDS

CARCINOGENICITY

Category 1A

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (SINGLE EXPOSURE)

Category 1 (respiratory system)

SPECIFIC TARGET ORGAN SYSTEMIC TOXICITY (REPEATED EXPOSURE)

Category 1 (respiratory system,  
kidney)

### 2.2 Label elements

SYMBOL



GHS08

SIGNAL WORD: Danger

### HAZARD STATEMENTS

May cause cancer.

Causes damage to organs (respiratory).

May cause damage to organs through prolonged or repeated exposure (respiratory system, kidney).

### PRECAUTIONARY STATEMENTS

[Prevention]

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



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Do not breathe dust/fume/gas/mist/vapours/spray.  
Do not eat, drink or smoke when using this product.  
Wash hands thoroughly after handling.  
[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

### 3.2 Ingredients and composition:

Component	CAS-No	Weight %
Cristobalite	14464-46-1	20-30
Quartz	14808-60-7	30-40
Ammonium Phosphate Monobasic	7722-76-1	
Magnesia	1309-48-4	
Zirconium Silicate	10101-52-7	
Others	—	

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

Ingestion: Rinse mouth. Get medical advice/attention if you feel unwell.

Inhalation: IF INHALED: 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.



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## 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:  
Do not breathe dust.  
Wear appropriate protective equipment.
- 6.2 Environmental Precautions:  
Do not allow product to reach sewage system or water bodies.  
Do not allow to enter the ground/soil.
- 6.3 Methods and material for containment and cleaning Up:  
Small quantities can be washed to drain with plenty water.  
Large quantities should be collected by wet sweeping or vacuum.
- 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.

## SECTION 7. Handling and storage

- 7.1 Precautions for safe handling:  
Wear appropriate protective equipment such as protective eyeglasses and protective gloves.
- 7.2 Conditions for safe storage, including any incompatibilities:  
Store under normal dry conditions. Keep containers closed.
- 7.3 Specific end use(s):  
No further relevant information available.

## SECTION 8. Exposure controls/personal protection

- 8.1 Control parameters:  
Exposure limits:
- |          |       |     |                                  |
|----------|-------|-----|----------------------------------|
| Quartz   | ACGIH | TLV | 0.025 mg/m <sup>3</sup> (TWA) A2 |
| Magnesia | ACGIH | TLV | 10 mg/m <sup>3</sup> (TWA)       |
- 8.2 Exposure controls:
- Respiratory Protection: Dust mask
- Skin Protection: Hand Protection  
Plastics gloves
- Eye Protection: Safety goggles



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## SECTION 9. Physical and chemical properties

- 9.1 Information on basic physical and chemical properties:
- |   |                   |
|---|-------------------|
| Appearance/Odor/Colour:                       | Odourless powder. |
| Odour threshold:                              | Not determined.   |
| pH:   | Not determined.   |
| Melting point/freezing point:                 | Not determined.   |
| Boiling point:                                | Not determined.   |
| 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:                             | ≈ 2.4 (Water=1)   |
| Solubility: water solubility                  | Insoluble         |
| 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.

## SECTION 10. Stability and reactivity

- 10.1 Reactivity:
- Reacts with strong oxidant, hydrogen fluoride.  
Decomposes at high temperature and generates ammonia.
- 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:                         | Based on available data, the classification criteria are not met. |
| 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. |



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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: Carc. 1A; H350 May cause cancer.  
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): STOT SE 1; H371 Causes damage to organs (respiratory).  
Specific target organ toxicity (repeated exposure): STOT RE 1; H372 May cause damage to organs through prolonged or repeated exposure (respiratory system, kidney).  
Aspiration hazard: Based on available data, the classification criteria are not met.

11.2 Information on other hazards:  
No further relevant information available.

## 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.  
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.



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## SECTION 15. Regulatory information

Follow all regulations in your country.

## SECTION 16. Other information

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

### Relevant phrases:

- H350 May cause cancer.
- H371 Causes damage to organs (respiratory).
- H372 May cause damage to organs through prolonged or repeated exposure (respiratory system, kidney).

### Abbreviations and acronyms:

- CAS: Chemical Abstracts Service (division of the American Chemical Society)
- PBT: Persistent, Bioaccumulative and Toxic
- vPvB: very Persistent and very Bioaccumulative