




SAFETY DATA SHEET

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Ceravety Press & Cast
POWDER
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 "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) |
- The thing without mention is out of a classification object. Or cannot classify it.
- 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)



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PRECAUTIONARY STATEMENTS

[Prevention]

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

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 Description: Mixture of substances listed below with nonhazardous additions.

3.3 Dangerous components:

Cristobalite [Cas No.14464-46-1] 20-30 %

Quartz [Cas No.14808-60-7] 30-40 %

Other components:

Ammonium Phosphate Monobasic [Cas No.7722-76-1]

Magnesia [Cas No.1309-48-4]

Zirconium Silicate [Cas No.10101-52-7]

Others

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 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:
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:
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/m³ (TWA) A2
Magnesia ACGIH TLV 10 mg/m³ (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.

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.

SECTION 15. Regulatory informati

Follow all regulations in your country.



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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)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative