



SAFETY DATA SHEET

(according to 1907/2006/EC, Article 31)

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Ceravety Press & Cast

POWDER

Printing date: April 3, 2020

SECTION 1. Identification of the substance/mixture and of the company/undertaking

- 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: Mold 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 GmbH
Address: An der Pönt 70, 40885 Ratingen, Germany
Phone: +49 (0) 2102-8664-0
Fax: +49 (0) 2102-8664-64
E-Mail: info@shofu.de
Section in Charge: Quality Management & Regulatory Affairs
- 1.4 Emergency Telephone Number
+49-2102-8664-53 (SHOFU DENTAL GmbH) 24 hours / 7 days

SECTION 2. Hazards identification

- 2.1 Classification of the substance or mixture
CLASSIFICATION (EC 1272/2008)
STOT RE 1 H372 Causes damage to organs through prolonged or repeated exposure (lung)

- 2.2 Label elements
LABEL IN ACCORDANCE WITH (EC) NO.1272/2008



GHS08

HAZARD-DETERMINING COMPONENTS OF LABELLING

Cristobalite

Quartz

SIGNAL WORD

Danger

HAZARD STATEMENTS

H372 Causes damage to organs through prolonged or repeated exposure (lung).

PRECAUTIONARY STATEMENTS

P260 Do not breathe dust/fume/gas/mist/vapour s/spray.
P264 Wash hands thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.

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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:

Cas: 14464-46-1	Cristobalite	20-30 %
EINECS: 238-455-4	STOT RE 1 H372	
Cas: 14808-60-7	Quartz	30-40 %
EINECS: 238-878-4	STOT RE 2 H373	

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: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice/attention.

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

Ingestion: Rinse mouth. Get medical advice/attention.

Inhalation: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
If symptom concerning breath goes out, call a POISON CENTER or 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:

Do not breathe dust.

6.2 Environmental Precautions:

Send to approved treatment/disposal company or dispose according to local, state and federal regulations.

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- 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:
 Local dust extraction measures are recommended.
- 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:

Component		ACGIH(TLV)
Quartz	STEL: 0.3 mg/m ³ 15 min TWA: 0.1 mg/m ³ 8 hr	TWA: 0.025 mg/m ³

- 8.2 Exposure controls:

Respiratory Protection:

Dust mask

Skin Protection: Hand Protection

Not required.

Eye Protection: Safety goggles

SECTION 9. Physical and chemical properties

- 9.1 Information on basic physical and chemical properties

Appearance/Odor/Colour:	Odorless 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)

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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:
No further relevant information available.
- 10.2 Chemical stability:
Stable under recommended storage conditions.
- 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. |
| 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): | STOT RE 1; H372 Causes damage to organs through prolonged or repeated exposure (lung). |
| Aspiration hazard: | Based on available data, the classification criteria are not met. |

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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 information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:
• EU REGULATIONS: See Section 2
- 15.2 Chemical safety assessment:
A Chemical Safety Assessment has not been carried out.

SECTION 16. Other information

- 16.1 Indication of changes:
Address change in section 1.
- 16.2 Abbreviations and acronyms:
EINECS: European Inventory of Existing Commercial Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

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16.3 Key literature references and sources for data:

No further relevant information available.

16.4 Classification for mixtures and used evaluation method according to regulation (EC) 1207/2008 [CLP]:

See SECTION 2.1 (classification).

16.5 Relevant R-, H- and EUH-phrases (number and full text):

H373 May cause damage to organs through prolonged or repeated exposure (lung).

16.6 Training advice:

No further relevant information available.

16.7 Further information:

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