

**Safety Data Sheet**

according to 29 CFR 1910.1200(g)

**Cerec Stone BC**

Revision date: 11.04.2018

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**1. Identification****Product identifier**

Cerec Stone BC

CAS No: 10034-76-1

**Recommended use of the chemical and restrictions on use****Use of the substance/mixture**

plaster

**Details of the supplier of the safety data sheet**

Company name: Sirona Dental Systems GmbH  
Street: Fabrikstraße 31  
Place: D-64625 Bensheim  
Telephone: +49 (0)625116-0  
e-mail (Contact person): <http://srvcontact.sirona.com/webformulars/EntryPage>  
Internet: [www.dentsplysirona.com](http://www.dentsplysirona.com)

**Emergency phone number:** GBK (24 h) +49 (0)6132-84463**2. Hazard(s) identification****Classification of the chemical****29 CFR Part 1910.1200**

This substance is not classified as hazardous in accordance with Regulation 29 CFR 1910.1200(d).

**Label elements****Additional advice on labelling**

none/none

**Hazards not otherwise classified**

No information available.

**3. Composition/information on ingredients****Substances****Chemical characterization**

Contains: none/none Hazardous ingredients.

**4. First-aid measures****Description of first aid measures****After inhalation**

Provide fresh air.

**After contact with skin**

After contact with skin, wash immediately with plenty of water and soap.

**After contact with eyes**

Rinse immediately carefully and thoroughly with eye-bath or water. In case of troubles or persistent symptoms, consult an ophthalmologist.

**After ingestion**

Rinse mouth immediately and drink plenty of water. When in doubt or if symptoms are observed, get medical

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advice.

**Most important symptoms and effects, both acute and delayed**

No information available.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**5. Fire-fighting measures****Extinguishing media****Suitable extinguishing media**

Co-ordinate fire-fighting measures to the fire surroundings.

**Specific hazards arising from the chemical**In case of fire may be liberated: Sulphur trioxide fog (SO<sub>3</sub>).**Special protective equipment and precautions for fire-fighters**

In case of fire: Wear self-contained breathing apparatus.

**Additional information**

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

**6. Accidental release measures****Personal precautions, protective equipment and emergency procedures**

Avoid dust formation. Do not breathe dust.

**Environmental precautions**

Do not allow to enter into surface water or drains.

**Methods and material for containment and cleaning up**

Take up mechanically. Treat the recovered material as prescribed in the section on waste disposal.

**Reference to other sections**

Safe handling: see section 7

Personal protection equipment (PPE): see section 8

Disposal: see section 13

**7. Handling and storage****Precautions for safe handling****Advice on safe handling**

No special measures are necessary.

**Advice on protection against fire and explosion**

No special fire protection measures are necessary.

**Conditions for safe storage, including any incompatibilities****Requirements for storage rooms and vessels**

Keep container tightly closed. Store in a cool dry place.

**Advice on storage compatibility**

No special measures are necessary.

**8. Exposure controls/personal protection****Control parameters**

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### Exposure limits

CAS No.	Substance	ppm	mg/m <sup>3</sup>	f/cc	Category	Origin
10034-76-1	Calcium sulfate (inhalable fraction)		10		TWA (8 h)	ACGIH-2017
-	Particulates not Otherwise regulated (PNOR) Respirable fraction	529.5 mp/m <sup>3</sup>	5		TWA (8 h)	PEL
-	Particulates not Otherwise regulated (PNOR) Total dust	1765 mp/m <sup>3</sup>	15		TWA (8 h)	PEL

### Exposure controls



#### Appropriate engineering controls

Provide adequate ventilation as well as local exhaust at critical locations.

#### Protective and hygiene measures

Take off contaminated clothing. Wash hands before breaks and after work. When using do not eat, drink or smoke.

#### Eye/face protection

Eye protection: not required.

#### Hand protection

Hand protection is not required

#### Skin protection

Body protection: not required.

#### Respiratory protection

In case of inadequate ventilation wear respiratory protection.  
Suitable material: Filter material/medium ABEK-P1.

## 9. Physical and chemical properties

### Information on basic physical and chemical properties

Physical state: solid (Powder)  
 Color: ivory  
 Odor: odorless  
 pH-Value (at 20 °C): (10g/L Suspension) 5 - 7

#### Changes in the physical state

Melting point/freezing point: > 1400 °C  
 Initial boiling point and boiling range: not determined  
 Flash point: not applicable

#### Flammability

Solid: not determined  
 Gas: not applicable

#### Explosive properties

not explosive.

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Lower explosion limits:	not determined
Upper explosion limits:	not determined
Ignition temperature:	not applicable
<b>Auto-ignition temperature</b>	
Solid:	not determined
Gas:	not applicable
Decomposition temperature:	>= 180 °C
<b>Oxidizing properties</b>	
Not oxidising.	
Vapor pressure:	not applicable
Density (at 20 °C):	2,6 g/cm <sup>3</sup>
Water solubility: (at 20 °C)	7 g/L
<b>Solubility in other solvents</b>	
not determined	
Partition coefficient:	not determined
Viscosity / dynamic:	not applicable
Viscosity / kinematic:	not applicable
Vapor density:	not determined
Evaporation rate:	not determined

**Other information**

Odor threshold: No information available.

**10. Stability and reactivity****Reactivity**

No hazardous reaction when handled and stored according to provisions.

**Chemical stability**

Stability: Stable

The product is stable under storage at normal ambient temperatures.

**Possibility of hazardous reactions**

Hazardous reactions: Will not occur

In case of fire may be liberated: Sulphur trioxide fog (SO<sub>3</sub>).**Conditions to avoid**

No information available.

**Incompatible materials**

No information available.

**Hazardous decomposition products**Sulphur trioxide fog (SO<sub>3</sub>).**11. Toxicological information****Information on toxicological effects**

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**Route(s) of Entry**

inhalative

**Acute toxicity**

Based on available data, the classification criteria are not met.

**Irritation and corrosivity**

Based on available data, the classification criteria are not met.

**Sensitizing effects**

Based on available data, the classification criteria are not met.

**Carcinogenic/mutagenic/toxic effects for reproduction**

Based on available data, the classification criteria are not met.

**Specific target organ toxicity (STOT) - single exposure**

Based on available data, the classification criteria are not met.

**Specific target organ toxicity (STOT) - repeated exposure**

Based on available data, the classification criteria are not met.

Carcinogenicity (OSHA): Not listed.

Carcinogenicity (IARC): Not listed.

Carcinogenicity (NTP): Not listed.

**Aspiration hazard**

Based on available data, the classification criteria are not met.

**12. Ecological information****Ecotoxicity**

The product is not: Ecotoxic.

**Persistence and degradability**

The product has not been tested.

**Bioaccumulative potential**

The product has not been tested.

**Mobility in soil**

The product has not been tested.

**Other adverse effects**

No information available.

**Further information**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil.

**13. Disposal considerations****Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Do not allow to enter into soil/subsoil. Dispose of waste according to applicable legislation.

**Contaminated packaging**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

**14. Transport information**

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#### US DOT 49 CFR 172.101

**Proper shipping name:** No dangerous good in sense of this transport regulation.

#### Marine transport (IMDG)

**UN number:** No dangerous good in sense of this transport regulation.

**UN proper shipping name:** No dangerous good in sense of this transport regulation.

**Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**Packing group:** No dangerous good in sense of this transport regulation.

#### Air transport (ICAO-TI/IATA-DGR)

**UN number:** No dangerous good in sense of this transport regulation.

**UN proper shipping name:** No dangerous good in sense of this transport regulation.

**Transport hazard class(es):** No dangerous good in sense of this transport regulation.

**Packing group:** No dangerous good in sense of this transport regulation.

#### Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

#### Special precautions for user

No information available.

#### Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

not applicable

### 15. Regulatory information

#### U.S. Regulations

#### State Regulations

##### Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product contains no chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

### 16. Other information

#### Hazardous Materials Information Label (HMIS)

Health: 0

Flammability: 0

Physical Hazard: 0

#### NFPA Hazard Ratings

Health: 0

Flammability: 0

Reactivity: 0

Unique Hazard:

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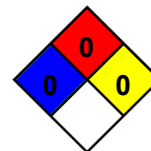
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#### Abbreviations and acronyms

TSCA: Toxic Substance Control Act

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association



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GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

**Other data**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.