

according to WHMIS

Cerec Stone BC

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1. Identification**Product identifier**

Cerec Stone BC

CAS No: 10034-76-1

Relevant identified uses of the substance or mixture and uses advised against**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**Emergency telephone number:** GBK (24 h) +49 (0)6132-84463**2. Hazard identification****Classification of the substance or mixture****WHMIS 2015**

This substance is not classified as hazardous in accordance with WHMIS 2015.

Label elements**Additional advice on labelling**

none

Other hazards

No information available.

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

Contains: 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 advice.

Most important symptoms and effects, whether acute or delayed

No information available.

Indication of immediate medical attention and special treatment needed

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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 hazardous product

 In case of fire may be liberated: Sulphur trioxide fog (SO₃).

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: 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
Exposure limits (ACGIH)

CAS No	Chemical name	ppm	mg/m ³	F/ml	Category	Origin
10034-76-1	Calcium sulfate (inhalable fraction)		10		TWA (8 h)	ACGIH-2017

Exposure controls

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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)
Colour:	ivory
Odour:	odourless
pH-Value (at 20 °C):	(10g/L Suspension) 5 - 7

Changes in the physical state

Melting 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.

Lower explosive limits:	not determined
Upper explosive limits:	not determined
Ignition temperature:	not applicable

Auto-ignition temperature

Solid:	not determined
Gas:	not applicable

Decomposition temperature:	> =180 °C
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Oxidizing properties

Not oxidising.

Vapour pressure:	not applicable
Density (at 20 °C):	2,6 g/cm ³

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Water solubility: 7 g/L
(at 20 °C)

Solubility in other solvents

not determined

Partition coefficient: not determined

Viscosity / dynamic: not applicable

Viscosity / kinematic: not applicable

Vapour density: not determined

Evaporation rate: not determined

Other information

Odour threshold: No information available.

10. Stability and reactivity**Reactivity**

No hazardous reaction when handled and stored according to provisions.

Chemical stability

The product is stable under storage at normal ambient temperatures.

Possibility of hazardous reactionsIn case of fire may be liberated: Sulphur trioxide fog (SO₃).**Conditions to avoid**

No information available.

Incompatible materials

No information available.

Hazardous decomposition productsSulphur trioxide fog (SO₃).**11. Toxicological information****Information on toxicological effects****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.

STOT-single exposure

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

STOT-repeated exposure

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

Aspiration hazard

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

Name of toxicologically synergistic products

No information available.

12. Ecological information

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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**Canadian TDG****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.

United Nations 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.

United Nations 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

15. Regulatory information**Canadian regulations****DSL/NDSL inventory status**

DSL:

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NDSL:

CAS No. 10034-76-1: No

National Pollutant Release Inventory (NPRI)

CAS No. 10034-76-1: No

16. Other information**Abbreviations and acronyms**

DSL: Domestic Substances List

NDSL: Non Domestic Substances List

NPRI: National Pollutant Release Inventory

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service

LC50: Lethal concentration, 50%

LD50: Lethal dose, 50%

Further Information

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.