

# SAFETY DATA SHEET

According to 1907/2006/EC, Article 31



## CEREC Blocs C In

Version: 1.0/EN

Revised on: 18.06.2013

Printing date: 04.12.2013

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### 1. Substance/preparation and company designation

Trade name: CEREC Blocs C In

Article numbers: 6399542, 6399559, 6399567, 6399575, 6399583, 6399591, 6399609, 6399617, 6399625, 6399633, 6399641

Use of material/preparation: auxiliary agent for producing dental prostheses

Company: Sirona Dental Systems GmbH

Fabrikstr. 31  
64625 Bensheim

Phone: 06251/16-3440

Telefax: 06251/16-2935

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### 2. Possible hazards

Danger designation: Not applicable.

Special danger notes for man and environment: Do not breathe in grinding dust

GHS identifying elements: Not applicable.

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### 3. Composition / Information on ingredients

Chemical characteristics

CAS no. designation: 65997-17-3

Description: Ceramic frit and color pigments in block form

Dangerous substances: None

EINECS number: 266-046-0

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### 4. First aid measures

General information: No special measures required

After inhalation: Supply fresh air. If you feel any adverse effects, consult a doctor

After skin contact: No special measures required

After eye contact: Rinse eyes for several minutes under running water, holding the eyelids open.

After swallowing: No special measures required

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### 5. Fire fighting measures

Suitable extinguishing agents: Use fire extinguishing methods that are suitable for the particular location.

Special protective equipment: No special measures required

Particular hazards for fire fighting: None; the product is not flammable

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### 6. Measures in the case of unintentional release

Person-related precautionary measures: Not required

Environmental protection measures: No special measures required

Methods for cleaning/collection: Collect using mechanical means

Additional information: No hazardous materials are released

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### 7. Handling and storage

Handling:

Notes on safe handling: No special measures required.

Notes on fire and explosion protection: No special measures required.

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Storage:

Requirement on storage rooms and containers: No special requirements.

Combined storage information: Not required.

Further information on storage conditions: Store in a dry place.

Storage class: Not applicable.

Classification according to the German Ordinance on Industrial Safety and Health (Betriebssicherheitsverordnung (BetrSichV)): Not applicable

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### 8. Exposure limitation and personal protective equipment

Additional information on design of technical installations: No further information, see 7.

Constituents with workplace-related limits to be monitored: Not applicable

Additional information: Based on the lists valid at the time of creation.

Personal protective equipment:

General protection and hygienic measures:

Take the usual precautions for handling chemicals.

Respirator: Wear breathing protection while working. Filter P1.

Hand protection: Not required

Gloves: Not applicable

Eye protection: not required

Body protection: Not required

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### 9. Physical and chemical properties

General information

Form: Block

Color: According to product designation

Odor: odorless

Change of condition

Melting point/range: Approx. 1060°C

Boiling point/range: Not determined

Flashpoint: Not applicable

Self-inflammability: The product is not self-igniting.

Risk of explosion: The product is not explosive.

Density: approx. 2.5 g/cm<sup>3</sup>

Solubility in/miscibility with water: Insoluble

Solids content: 100 %

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### 10 Stability and reactivity

Thermal decomposition/conditions to be avoided:

No decomposition in use as intended.

Substances to be avoided: None

Dangerous reactions: No known dangerous reactions.

Dangerous products of decomposition: No known dangerous products of decomposition.

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### 11 Toxicological information

Acute toxicity: None

Primary irritant effect:

on skin: Not an irritant

on the eye: Grinding dust can irritate the eyes

Sensitization: No known sensitizing effect

Additional toxicological information:

In our experience and based on the information in our possession, the product is not harmful to health if handled correctly and used as intended.

The material is not subject to marking based on the EC lists in the last valid version.

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### 12 Environmental information

General information: Generally not harmful to water.

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### 13 Information on disposal

Product

Recommendation: Small quantities can be disposed of with household waste.

EU disposal code: 08 02 99

Uncleaned packaging

Recommendation: Packaging that cannot be cleaned must be disposed of in the same way as the material itself.

Recommended cleaning agent: Water, possibly with the addition of cleaning agents

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### 14 Transport information

Land transport ADR/RID and GGVS/GGVE (transborder/domestic):

ADR/RID-GGVS/E class: -

Sea transport IMDG/GGVSee:

IMDG/GGVSee class: -

Marine pollutant: No

ICAO-TI and IATA-DGR air transport:

ICAO/IATA class: -

Not a hazardous material as defined by transport regulations.

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### 15 Regulatory information

Identification according to EU directives:

According to EU directives/the German Ordinance on Hazardous Substances, the product is not subject to marking. Take the usual precautions for handling chemicals.

National regulations:

Classification according to the German Ordinance on Industrial Safety and Health (Betriebssicherheitsverordnung (BetrSichV)): Not applicable

Aquatic hazard class: Generally not harmful to water

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### 16 Other information

The information provided is based on our knowledge at the time of writing. However, it does not constitute a warranty of product features or substantiate a contractual relationship.

Department issuing the data sheet: Research and

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Development

### Abbreviations and acronyms:

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International

Carriage of Dangerous Goods by Road)

RID: Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the

International Transport of Dangerous Goods by Rail)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

IATA-DGR: Dangerous Goods Regulations by the "International Air Transport Association" (IATA)

ICAO: International Civil Aviation Organization

ICAO-TI: Technical Instructions by the "International Civil Aviation Organization" (ICAO)

GHS: Globally Harmonized System of Classification and Labeling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

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