

SAFETY DATA SHEET (EC 1907/2006)

Cercon base
Cercon base colored

DeguDent
A Dentsply International Company

Material no.		Version	2.2 / GB
Specification	128664	Revision date	12.04.2010
VA-Nr		Print Date	13.04.2010
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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product information

Trade name	Cercon base Cercon base colored
Company	DeguDent GmbH Postfach 1364 D-63403 Hanau
Telephone	+49 (0)6181/59-5767
Telefax	+49 (0)6181/59-5879
Email address	SDB@degudent.de
Emergency telephone number	+49 (0)180 / 23 24-555

Use of the Substance / Preparation For dental use only.

REACH Registration No.: if available listed in Chapter. 3

2. HAZARDS IDENTIFICATION

Additional safety information for humans and the environment

Do not breathe dust.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Zirconium dioxide

CAS-No.	1314-23-4	EC-No.	215-227-2
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4. FIRST AID MEASURES

Inhalation

In case product dust is released:
Remove to fresh air.

Skin contact

In case product dust is released:
Wash off with plenty of water.

Eye contact

In case product dust is released:
Rinse thoroughly with plenty of water keeping eyelid open.
If eye irritation persists, consult a specialist.

Ingestion

Have the mouth rinsed with water.
In case of discomfort: Supply with medical care.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media

All extinguishing substances suitable.

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Specific hazards during fire fighting

The product itself does not burn.

Special protective equipment for fire-fighters

Employ protective equipment commonly used in the event of fire.

Further information

Adapt fire extinguishing methods to site.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions

In case product dust is released:
Do not breathe dust.

Methods for cleaning up

Use mechanical handling equipment.
Dispose of absorbed material in accordance with the regulations.

7. HANDLING AND STORAGE

Handling

Safe handling advice

In case product dust is released:
Do not breathe dust.
No particular measures required if used correctly.
If dust occurs:
Personal protective equipment

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Components with workplace control parameters

• Zirconium dioxide			
CAS-No.	1314-23-4	EC-No.	215-227-2
Control parameters	5 mg/m ³		Time Weighted Average (TWA):(EH40 WEL)
Control parameters	10 mg/m ³		Short Term Exposure Limit (STEL):(EH40 WEL)

DNEL/DMEL and PNEC values

Engineering measures

In case product dust is released:
Local ventilation.

Personal protective equipment

Respiratory protection

In case product dust is released:
Do not breathe dust.
If maximum admissible concentration value at the workplace is exceeded, apply Dust mask.

Hand protection

No special protective equipment required.

Eye protection

Safety glasses with side-shields
If dust occurs: basket-shaped glasses

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Skin and body protection

No particular measures required.

Hygiene measures

Handle in accordance with good industrial hygiene and safety practices.

When using, do not eat, drink or smoke. Wash face and/or hands before break and end of work.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Form	cylinder
Colour	according to the coloration
Odour	odourless

Safety data

Melting point/range	> 1900 °C
Water solubility	insoluble

10. STABILITY AND REACTIVITY

Conditions to avoid	No restrictions
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11. TOXICOLOGICAL INFORMATION

Further information	No dangerous reactions are known to occur with correct handling and storage.
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12. ECOLOGICAL INFORMATION

Further information on ecology

Further Information	No data can be given because of insolubility in water.
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13. DISPOSAL CONSIDERATIONS

Product

Disposal according to local authority regulations.

Uncleaned packaging

Disposal according to local authority regulations.

14. TRANSPORT INFORMATION

Transport/further information

Not classified as dangerous in the meaning of transport regulations.

15. REGULATORY INFORMATION

Labelling according to EC Directives

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Other data

According to the Dangerous Preparations Directive (1999/45/EG):
no labelling**National legislation**

16. OTHER INFORMATION**Further information**

Changes since the last version are highlighted in the margin. This version replaces all previous versions.

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.