

SAFETY DATA SHEET (EC 1907/2006)**DeguDent**

A Dentsply International Company

Cercon base cast

Material no.		Version	1.0 / GB
Specification	161293	Revision date	19.10.2007
VA-Nr		Print Date	22.10.2007
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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product information**

Trade name	:	Cercon base cast
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

2. HAZARDS IDENTIFICATION**Additional safety information for humans and the environment**

In its marketed form, this product does not represent a hazard due to its physico-chemical properties, nor does it represent a health or environmental hazard.

The primary materials contain isocyanates.

Isocyanates may be released during thermal decomposition / incineration.

3. COMPOSITION/INFORMATION ON INGREDIENTS**Chemical nature**

Polyurethane based on diphenylmethane-4,4'-diisocyanate

4. FIRST AID MEASURES**General advice**

No special precautions required.

Inhalation

In case of release of product dust / product chips:

See that there is fresh air.

In case of discomfort: Supply with medical care.

Skin contact

In case of release of product dust / product chips:

Wash off with soap and water.

Eye contact

In case of release of product dust / product chips:

With eye held open, thoroughly rinse immediately with plenty of water for at least 5 minutes.

In case of discomfort: Consult an ophthalmologist.

Ingestion

If swallowed, seek medical advice immediately and show this container or label.

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5. FIRE-FIGHTING MEASURES**Suitable extinguishing media**

Water spray, foam, CO2, dry powder.

Specific hazards during fire fighting

In the case of fire, the following hazardous smoke fumes may be produced: carbon monoxide, carbon dioxide, nitric oxides, hydrocyanic acid. isocyanate-containing vapours

Special protective equipment for fire-fighters

during fire-fighting: wear a self contained respiratory apparatus

Further information

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

6. ACCIDENTAL RELEASE MEASURES**Personal precautions**

No special precautions required.

Environmental precautions

No special environmental precautions required.

Methods for cleaning up

Use mechanical handling equipment.

7. HANDLING AND STORAGE**Handling****Safe handling advice**

No special precautions required.

Advice on protection against fire and explosion

No special precautions required.

Keep away from open flames, hot surfaces and sources of ignition.

Storage**Requirements for storage areas and containers**

Store in the original receptacle, keeping this tightly sealed, under cool and dry conditions.

Protect from heat and exposure to direct sunlight

Protect from water and humidity.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Components with workplace control parameters****diphenylmethane-4,4'-di-isocyanate**

CAS-No.	101-68-8	EC-No.	202-966-0
Control parameters	0.02 mg/m3		Time Weighted Average (TWA):(EH40 WEL)
Control parameters	0.07 mg/m3		Short Term Exposure Limit (STEL):(EH40

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WEL)

Personal protective equipment**Respiratory protection**

No particular measures required.

Hand protection

No particular measures required.

Eye protection

Avoid contact with eyes.

Hygiene measures

No eating, drinking, smoking, or snuffing tobacco at work. Wash face and/or hands before break and end of work.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form	solid, mould
Colour	white
Odour	odourless

Safety data**10. STABILITY AND REACTIVITY**

Conditions to avoid	sun rays, heat, heat effect, humidity.
Hazardous decomposition products	carbon monoxide, carbon dioxide, nitrogen oxides (NO _x), hydrogen cyanide (hydrocyanic acid), isocyanate-containing vapours

11. TOXICOLOGICAL INFORMATION*no data available***12. ECOLOGICAL INFORMATION****Elimination information (persistence and degradability)****Behaviour in environmental compartments****Ecotoxicity effects***No ecotoxicological data is available for this product.***13. DISPOSAL CONSIDERATIONS****Product**

Disposal according to local authority regulations.

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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**

Other data

Not a hazardous substance or preparation according to EC-directives 67/548/EEC or 1999/45/EC.

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.