

SAFETY DATA SHEET (91/155/EWG)**DeguDent**

A Dentsply International Company

Ceramco 3, Opaque Modifier Liquid

Material no.		Version	1.2 / GB
Specification	143858	Revision date	11.11.2004
VA-Nr		Print Date	02.11.2007
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1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING**Product information**

Trade name	:	Ceramco 3, Opaque Modifier Liquid
Company	:	DeguDent GmbH Postfach 1364 D-63403 Hanau
Telephone	:	+49 (0)6181/59-5767
Telefax	:	+49 (0)6181/59-5879
Emergency telephone number	:	+49 (0)180 / 23 24-555
Use of the Substance / Preparation	:	For dental use only.

2. COMPOSITION/INFORMATION ON INGREDIENTS**Information on ingredients / Hazardous components**

• 2,2'-oxydiethanol		70% - 100%	
CAS-No.	111-46-6	EC-No.	203-872-2
	Xn; R22		

See chapter 16 for text of risk phrases

3. HAZARDS IDENTIFICATION

Harmful if swallowed.

4. FIRST AID MEASURES**General advice**

Take off all contaminated clothing immediately.

Skin contact

Wash off immediately with plenty of water.

Eye contact

Rinse immediately with plenty of water and seek medical advice.

Ingestion

Seek medical advice immediately.

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

Water spray, foam, CO2, dry powder

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6. ACCIDENTAL RELEASE MEASURES**Environmental precautions**

Do not flush into surface water or sanitary sewer system.

Methods for cleaning up

Take up mechanically or with an absorbent material.

Fill into marked, sealable containers.

Suitable binder: sand, diatomaceous earth, universal absorbent, sawdust

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

Observe the rules usually applicable when handling chemicals.

Advice on protection against fire and explosion

Normal measures for preventive fire protection.

Storage**Requirements for storage areas and containers**

No special precautions required.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION**Components with workplace control parameters****• 2,2'-oxydiethanol**

CAS-No. 111-46-6

EC-No. 203-872-2

Control parameters 23 ppm
101 mg/m³

Time Weighted Average (TWA): (EH40
OES)

Personal protective equipment**Hand protection**

suitable protective gloves

Suitability for specific workplaces should be clarified with protective glove manufacturers.

Eye protection

Safety glasses with side-shields

Hygiene measures

Remove contaminated or saturated clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES**Appearance**

Form	liquid
Colour	colourless
Odour	almost odourless

Safety data

pH	neutral
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Melting point/range	ca. -8 °C
Boiling point/range	245 °C (1013 hPa)
Flash point	146 °C Method: DIN 51758
Ignition temperature	355 °C Method: DIN 51 794
Lower explosion limit	ca. 1 %(V)
Vapour pressure	< 0.05 hPa (20 °C)
Density	1116 g/cm ³ (20 °C)
Water solubility	readily soluble
Partition coefficient (n-octanol/water)	log Pow: -1.3 (calculated)

10. STABILITY AND REACTIVITY

Thermal decomposition Distills without decomposition at atmospheric pressure.

11. TOXICOLOGICAL INFORMATION

Acute oral toxicity	LD50 rat: 14800 mg/kg
Acute dermal toxicity	LD50 Rabbit: 11890 mg/kg
Eye irritation	slightly irritating

12. ECOLOGICAL INFORMATION**Elimination information (persistence and degradability)****Behaviour in environmental compartments****Ecotoxicity effects**

Toxicity to fish LC50 *Leuciscus idus melanotus*: > 1000.00 mg/l / 48 h
Method: (DIN 38412, part 15)

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****hazard-defining component(s)**

- 2,2'-oxydiethanol

Symbol(s)	Xn	Harmful
R-phrase(s)	R22	Harmful if swallowed.
S-phrase(s)	S46	If swallowed, seek medical advice immediately and show this container or label.

National legislation**16. OTHER INFORMATION****Risk phrase (R phrase) texts**

- 2,2'-oxydiethanol
R22 Harmful if swallowed.

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.