

SAFETY DATA SHEETS

This SDS packet was issued with item:

077218290

The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).

077217904 077217912 077217920

The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).

077218183 077218191 077218308 273003680

according to Regulation (EC) No 1907/2006

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Print date: 29.07.2013

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SECTION 1: Identification of the substance/mixture and of the company/undertaking**1.1. Product identifier**

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1.2. Relevant identified uses of the substance or mixture and uses advised against**Use of the substance/mixture**

for dental use only

1.3. Details of the supplier of the safety data sheet

Company name:	Coltene/Whaledent AG
Street:	Feldwiesenstrasse 20
Place:	CH-9450 Altstätten
Telephone:	+41 (71) 75 75 300
Telefax:	+41 (71) 75 75 301
e-mail:	info.ch@coltene.com
Internet:	www.coltene.com

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture**

Indications of danger: Xi - Irritant

R phrases:

May cause sensitisation by skin contact.

Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

2.2. Label elements

Danger symbols: Xi - Irritant



Xi - Irritant

Hazardous components which must be listed on the label

TEGDMA

R phrases

43	May cause sensitisation by skin contact.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

S phrases

24	Avoid contact with skin.
37	Wear suitable gloves.

SECTION 3: Composition/information on ingredients**3.2. Mixtures**

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Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
276-957-5	UDMA	10 - 15 %
72869-86-4	R52-53	
221-950-4	TMPTMA	10 - 15 %
3290-92-4	N - Dangerous for the environment R51-53	
216-367-7	BISGMA	5 - 10 %
1565-94-2	Xi - Irritant R36/37/38	
203-652-6	TEGDMA	1 - 5 %
109-16-0	Xi - Irritant R36/37/38-43	
202-327-6	dibenzoyl peroxide; benzoyl peroxide	< 1 %
94-36-0	E - Explosive, O - Oxidizing, Xi - Irritant R3-7-36-43	
	Org. Perox. B, Eye Irrit. 2, Skin Sens. 1; H241 H319 H317	
231-667-8	sodium fluoride	< 1 %
7681-49-4	T - Toxic, Xi - Irritant R25-36/38-32	
009-004-00-7	Acute Tox. 3, Eye Irrit. 2, Skin Irrit. 2; H301 H319 H315	

Full text of R and H phrases: see Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****After contact with skin**

After contact with skin, wash immediately with: Water and soap.

After contact with eyes

In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

After ingestion

Seek medical attention if problems persist.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Water. Foam. Extinguishing powder. Carbon dioxide (CO₂). Sand.**Additional information**

Extinguishing materials should be selected according to the surrounding area.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes.

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6.2. Environmental precautions

Do not empty into drains or the aquatic environment.

6.3. Methods and material for containment and cleaning up

Wipe up with absorbent material (eg. cloth, fleece). Clear contaminated area thoroughly.

SECTION 7: Handling and storage**7.1. Precautions for safe handling****Advice on safe handling**

Avoid contact with skin and eyes.

Restricted to professional users. Keep out of the reach of children.

Further information on handling

After use replace the closing cap immediately.

7.2. Conditions for safe storage, including any incompatibilities**Further information on storage conditions**

Substances sensitive to light.

Recommended storage temperature: 4 - 8 °C

SECTION 8: Exposure controls/personal protection**8.1. Control parameters****Exposure limits (EH40)**

CAS No	Substance	ppm	mg/m ³	fibres/ml	Category	Origin
94-36-0	Dibenzoyl peroxide	-	5		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

8.2. Exposure controls**Protective and hygiene measures**

When using do not eat, drink or smoke.

Hand protection

Single-use gloves.

Eye protection

Framed glasses.

Skin protection

Lab apron.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:

Paste

Colour:

off-white

Test method**Changes in the physical state**

Density (at 23 °C):

2.1 g/cm³Water solubility:
(at 23 °C)

insoluble

Solubility in other solvents

Ethanol. (partially soluble)

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SECTION 10: Stability and reactivity**10.4. Conditions to avoid**

Light.
UV-radiation/sunlight.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Acute toxicity**

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
7681-49-4	sodium fluoride				
	oral	LD50	52 mg/kg	Rat	RTECS

Sensitising effects

May cause sensitization in susceptible people.

SECTION 12: Ecological information**12.1. Toxicity**

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	h	Species	Source
7681-49-4	sodium fluoride					
	Acute fish toxicity	LC50	925 mg/l	96	Gambusia affinis	
	Acute algae toxicity	ErC50	850 mg/l	72	Desmodesmus subspicatus	
	Acute crustacea toxicity	EC50	338 mg/l	48	Daphnia magna	IUCLID

Further information

According to the criteria of the EC-classification and labelling "dangerous for the environment" (93/21/EEC) the material/product is not to be classified as dangerous to the environment.

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Can be burnt together with household waste in compliance with official regulations in contact with approved waste disposal companies and with authorities in charge.

SECTION 14: Transport information**Land transport (ADR/RID)**

14.1. UN number: ---

Inland waterways transport (ADN)

14.1. UN number: ---

Marine transport (IMDG)

14.1. UN number: ---

Air transport (ICAO)

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UN/ID number:

Other applicable information

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulatory information****SECTION 16: Other information****Full text of R phrases referred to under Sections 2 and 3**

- | | |
|----------|---|
| 03 | Extreme risk of explosion by shock, friction, fire or other sources of ignition. |
| 07 | May cause fire. |
| 25 | Toxic if swallowed. |
| 32 | Contact with acids liberates very toxic gas. |
| 36 | Irritating to eyes. |
| 36/37/38 | Irritating to eyes, respiratory system and skin. |
| 36/38 | Irritating to eyes and skin. |
| 43 | May cause sensitisation by skin contact. |
| 51 | Toxic to aquatic organisms. |
| 52 | Harmful to aquatic organisms. |
| 52/53 | Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment. |
| 53 | May cause long-term adverse effects in the aquatic environment. |

Full text of H statements referred to under Sections 2 and 3

- | | |
|------|--|
| H241 | Heating may cause a fire or explosion. |
| H301 | Toxic if swallowed. |
| H315 | Causes skin irritation. |
| H317 | May cause an allergic skin reaction. |
| H319 | Causes serious eye irritation. |

Further Information

The above information describes exclusively the safety requirements of the product and is based on our present-day knowledge. The information is intended to give you advice about the safe handling of the product named in this safety data sheet, for storage, processing, transport and disposal.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)