

according to Regulation (EC) No 1907/2006

One Coat Bond

Revision date: 02.07.2012

Print date: 03.04.2013

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

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

for dental use only

Details of the supplier of the safety data sheet

Company name:	Coltène/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**Classification of the substance or mixture**

Indications of danger : Irritant
R-phrases:
Irritating to eyes, respiratory system and skin.
May cause sensitization by skin contact.

Label elements

Danger symbols: Xi - Irritant



Xi - Irritant

Hazardous components which must be listed on the label

2-hydroxyethyl methacrylate

R phrases

36/37/38 Irritating to eyes, respiratory system and skin.
43 May cause sensitization by skin contact.

S phrases

24 Avoid contact with skin.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
37 Wear suitable gloves.

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

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Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
212-782-2	2-hydroxyethyl methacrylate	35 - 40 %
868-77-9	Xi R36/38-43	
607-124-00-X	Eye Irrit. 2, Skin Irrit. 2, Skin Sens. 1; H319 H315 H317	
217-388-4	GDMA	20 - 25 %
1830-78-0	Xi R36/37/38	
	Urethane dimethacrylate	15 - 20 %
	R52-53	

Full text of R- and H-phrases: see section 16.

SECTION 4: First aid measures**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**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**Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and eyes.

Environmental precautions

Do not empty into drains or the aquatic environment.

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**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.

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Further information on handling

After use replace the closing cap immediately.

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

Substances sensitive to light.

Recommended storage temperature: 4 - 23 °C

SECTION 8: Exposure controls/personal protection**Control parameters****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**Information on basic physical and chemical properties**

Physical state: Jelly
 Colour: colourless

Test method**Changes in the physical state**

Density (at 23 °C): 1.13 g/cm³
 Water solubility: insoluble
 (at 23 °C)

Solubility in other solvents

Ethanol. (partially soluble)

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

Light.
 UV-radiation/sunlight.

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

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
868-77-9	2-hydroxyethyl methacrylate				
	oral	LD50	5050 mg/kg	Rat	

Sensitising effects

May cause sensitization in susceptible people.

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SECTION 12: Ecological information**Toxicity**

CAS No	Chemical name					
	Aquatic toxicity	Method	Dose	h	Species	Source
868-77-9	2-hydroxyethyl methacrylate					
	Acute fish toxicity	LC50	227 mg/l	96	Pimephales promelas	

Bioaccumulative potential**Partition coefficient n-octanol/water**

CAS No	Chemical name	Log Pow
868-77-9	2-hydroxyethyl methacrylate	0,47

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**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)****UN number:** ---**Inland waterways transport****UN number:** ---**Marine transport****UN number:** ---**Air transport****UN/ID number:** ---**Other applicable information**

Not a hazardous material with respect to these transportation regulations.

SECTION 15: Regulatory information**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**

36/37/38	Irritating to eyes, respiratory system and skin.
36/38	Irritating to eyes and skin.
43	May cause sensitization by skin contact.
52	Harmful to aquatic organisms.

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53 May cause long-term adverse effects in the aquatic environment.

Full text of H-Statements referred to under sections 2 and 3

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.)