

according to Regulation (EC) No 1907/2006

Adhesive

Revision date: 12.07.2012

Print date: 22.05.2013

Page 1 of 6

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

1.1. Product identifier

Adhesive

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:	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

2.1. Classification of the substance or mixture

Indications of danger: F - Highly flammable, N - Dangerous for the environment

R phrases:

Highly flammable.

Very toxic to aquatic organisms.

2.2. Label elements

Danger symbols:

F - Highly flammable; N - Dangerous for the environment



F - Highly flammable

N - Dangerous for the environment

R phrases

11	Highly flammable.
50	Very toxic to aquatic organisms.

S phrases

09	Keep container in a well-ventilated place.
16	Keep away from sources of ignition - No smoking.
61	Avoid release to the environment. Refer to special instructions / Safety data sheets.

SECTION 3: Composition/information on ingredients

3.2. Mixtures

according to Regulation (EC) No 1907/2006

Adhesive

Revision date: 12.07.2012

Print date: 22.05.2013

Page 2 of 6

Hazardous components

EC No	Chemical name	Quantity
CAS No	Classification	
Index No	GHS classification	
REACH No		
203-492-7	Hexamethyldisiloxane	< 80 %
107-46-0	F - Highly flammable, N - Dangerous for the environment R11-50	
215-535-7	xylene	< 1 %
1330-20-7	Xn - Harmful, Xi - Irritant R10-20/21-38	
601-022-00-9	Flam. Liq. 3, Acute Tox. 4, Acute Tox. 4, Skin Irrit. 2; H226 H332 H312 H315	

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

SECTION 4: First aid measures**4.1. Description of first aid measures****After inhalation**

Provide fresh air.

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 advice.

SECTION 5: Firefighting measures**5.1. Extinguishing media****Suitable extinguishing media**Water spray. 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**

Remove all sources of ignition. Provide adequate ventilation. Guide people to safety.

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.

Advice on protection against fire and explosion

Keep away from sources of ignition - No smoking.

according to Regulation (EC) No 1907/2006

Adhesive

Revision date: 12.07.2012

Print date: 22.05.2013

Page 3 of 6

Further information on handling

After use replace the closing cap immediately.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed and in a well-ventilated place.

Further information on storage conditions

Recommended storage temperature: 15 - 23 °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
1330-20-7	Xylene: mixed isomers	50	220		TWA (8 h)	WEL
		100	441		STEL (15 min)	WEL

Biological Monitoring Guidance Values (EH40)

CAS No	Substance	Parameter	Value	Test material	Sampling time
1330-20-7	Xylene, o-, m-, p- or mixed isomers	methyl hippuric acid	650 mmol/mol	urine	Post shift

8.2. Exposure controls

Protective and hygiene measures

When using do not eat, drink or smoke.

Respiratory protection

Provide adequate ventilation.

Hand protection

Single-use gloves.

Eye protection

Framed glasses.

Skin protection

Lab apron.

Environmental exposure controls

Do not empty into drains or the aquatic environment.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	red
Odour:	characteristic

Test method

Changes in the physical state

Flash point:	- 6 °C	DIN 51755
Density:	0.8 g/cm ³	
Water solubility:	insoluble	

according to Regulation (EC) No 1907/2006

Adhesive

Revision date: 12.07.2012

Print date: 22.05.2013

Page 4 of 6

Solubility in other solvents

Ethanol, ketone.

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

heat.

10.5. Incompatible materials

Oxidizing agents.

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

CAS No	Chemical name	Exposure routes	Method	Dose	Species	Source
1330-20-7	xylene					
	dermal	ATE		1100 mg/kg		
	inhalative	ATE		1.5 mg/l		

Irritation and corrosivity

Hazards identification: Frequently or prolonged contact with skin may cause dermal irritation.

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

Very toxic to aquatic organisms.

Further information

Does not enter into waste water by proper application.

Do not allow uncontrolled leakage of product into 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:	1133
14.2. UN proper shipping name:	Adhesives
14.3. Transport hazard class(es):	3
14.4. Packing group:	II
Hazard label:	3
Classification code:	F1
Limited quantity:	LQ6
Hazard No:	33

according to Regulation (EC) No 1907/2006

Adhesive

Revision date: 12.07.2012

Print date: 22.05.2013

Page 5 of 6

Other applicable information (land transport)

Special provisions: 274

E3

: 1

D/E

Special provisions: 274 601 640C

E2

: 2

Special provisions: 640C

Marine transport (IMDG)

14.1. UN number:	1133
14.2. UN proper shipping name:	Adhesives
14.3. Transport hazard class(es):	3
14.4. Packing group:	II
Hazard label:	3
Marine pollutant:	•
Limited quantity:	5 L
EmS:	F-E, S-D

Other applicable information (marine transport)

Special provisions: 274, 330, 944

Special provisions: 944

Air transport (ICAO)

UN/ID number:	1133
14.2. UN proper shipping name:	Adhesives
14.3. Transport hazard class(es):	3
14.4. Packing group:	II
Hazard label:	3
Limited quantity Passenger:	1 L
IATA-packing instructions - Passenger:	305
IATA-max. quantity - Passenger:	5 L
IATA-packing instructions - Cargo:	307
IATA-max. quantity - Cargo:	60 L

Other applicable information (air transport)

E2

: Y305

60 L

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

10	Flammable.
11	Highly flammable.
20/21	Harmful by inhalation and in contact with skin.
38	Irritating to skin.
50	Very toxic to aquatic organisms.

according to Regulation (EC) No 1907/2006

Adhesive

Revision date: 12.07.2012

Print date: 22.05.2013

Page 6 of 6

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

H226	Flammable liquid and vapour.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H332	Harmful if inhaled.

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.)