

Adhesive AC

Revision date : 30.04.2009

Print date : 11.05.2009

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1. Identification of the substance/preparation and of the company/undertaking**Identification of the substance or preparation**

Adhesive AC

Use of the substance/preparation

for dental use only

Company/undertaking identification

Company name :	Coltène/Whaledent AG	Coltène/Whaledent Inc.
Street :	Feldwiesenstrasse 20	235 Ascot Parkway
Place :	CH-9450 Altstätten	Cuyahoga Falls, OH 44223
Telephone :	+41 (71) 75 75 300	(330) 916 8800
Telefax :	+41 (71) 75 75 301	(330) 916 7077
e-mail :	info@coltenewwhaledent.ch	info@coltenewwhaledent.com
Internet :	www.coltenewwhaledent.com	

2. Hazards identification**Classification**

Indications of danger : Highly flammable, Irritant

R-phrases :

Highly flammable.

Irritating to eyes.

Repeated exposure may cause skin dryness or cracking.

Vapours may cause drowsiness and dizziness.

3. Composition/information on ingredients**Chemical characterization (Mixture)****Hazardous components**

EC-No.	CAS-No.	Components	Quantity	Classification
205-500-4	141-78-6	ethyl acetate	> 90 %	F, Xi R11-36-66-67

Full text of each relevant R phrase can be found in heading 16.

4. 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.

5. Fire-fighting measures

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Suitable extinguishing mediaWater fog. Foam. Extinguishing powder. Carbon dioxide (CO₂). Sand.**Additional information**

Extinguishing materials should be selected according to the surrounding area.

6. Accidental release measures**Personal precautions**

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

Environmental precautions

Do not empty into drains or the aquatic environment.

Methods for cleaning up/taking up

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

7. Handling and storage**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

Do not spray into flames or ignition sources.

Keep away from sources of ignition - No smoking.

Further information on handling

After use replace the closing cap immediately.

Storage**Requirements for storage rooms and vessels**

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

Further information on storage conditions

Recommended storage temperature: 4 - 23 °C

8. Exposure controls/personal protection**Exposure limit values****Occupational exposure limits**

CAS No.	Substance	ml/m ³	mg/m ³	f/ml	Category	Origin
141-78-6	Ethyl acetate	400	1400		TWA (8 h)	
		-	-		STEL (15 min)	

Exposure controls**Protective and hygiene measures**

When using do not eat, drink or smoke.

Respiratory protection

Provide adequate ventilation.

Hand protection

Wear suitable gloves.

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Eye protection

Framed glasses.

Skin protection

Lab apron.

9. Physical and chemical properties**General information**

Physical state : liquid
Colour : light yellow
Odour : characteristic

Important health, safety and environmental information

	Test method
pH-Value :	neutral
Changes in the physical state	
Boiling point :	80 °C
Flash point :	> -4 °C
Lower explosion limits :	2 vol. %
Upper explosion limits :	11.5 vol. %
Density :	0.9 g/cm ³
Water solubility	80 g/L

10. Stability and reactivity**Conditions to avoid**

heat.

Materials to avoid

Oxidizing agents.

11. Toxicological information**Acute toxicity**

LD50: > 500mg/kg (Rat.)

Corrosive and irritant effects

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

12. Ecological information**Ecotoxicity**

LC50: 333 g/l 48h - Oncorhynchus mykiss

Mobility

No data available

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.

13. Disposal considerations

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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.

14. Transport information**Land transport (ADR/RID)**

UN number : 1133
ADR/RID class : 3
Classification code : F1
Warning plate
Hazard-no. : 33
Hazard label : 3
ADR/RID packing group : II
Limited quantity : LQ6

Description of the goods

Adhesives

Other applicable information (land transport)

Special provisions: 274
E3
: 1
D/E
Special provisions: 274 601 640C
E2
: 2
Special provisions: 640C

Marine transport

UN number : 1133
IMDG code : 3
Marine pollutant : •
Hazard label : 3
IMDG packing group : II
EmS : F-E, S-D
Limited quantity : 5 L

Description of the goods

Adhesives

Other applicable information (marine transport)

Special provisions: 274, 330, 944
Special provisions: 944

Air transport

UN/ID number : 1133
ICAO/IATA-DGR : 3
Hazard label : 3
ICAO packing group : II
Limited quantity Passenger : 1 L

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IATA-packing instructions - Passenger :	305
IATA-max. quantity - Passenger :	5 L
IATA-packing instructions - Cargo :	307
IATA-max. quantity - Cargo :	60 L

Description of the goods

Adhesives

Other applicable information (air transport)

E2

: Y305

60 L

15. Regulatory information**Labelling**

Danger symbols : F - Highly flammable; Xi - Irritant

R phrases

11	Highly flammable.
36	Irritating to eyes.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.

S phrases

09	Keep container in a well-ventilated place.
16	Keep away from sources of ignition - No smoking.
24	Avoid contact with skin.
26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

National regulatory information**16. Other information****Full text of R-phrases referred to under sections 2 and 3**

11	Highly flammable.
36	Irritating to eyes.
66	Repeated exposure may cause skin dryness or cracking.
67	Vapours may cause drowsiness and dizziness.

Other data

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

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