

EC Safety Data Sheet

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of printing

04/15/2005 egu/hot
11/26/2003
04/15/2005 Sheet no. **1465**

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Company DC Dental Central GmbH

1 Commercial product name and supplier

- 1.1 Commercial product name / designation **DC Adhesive**
- 1.2 Application / use Bonding agent
- 1.3 Producer DC DentalCentral GmbH, Carl-Zeiss-Str.2, D-22946 Trittau
- 1.4 Supplier
- 1.5 TOX emergency number Emergency-Call: +49 (0) 4154 84 370
Dc Dental Central GmbH
-

1.6 Product No.

2 Composition

- 2.1 Chemical characterisation Mixture of water, acetone, methacrylate modified polyacrylic acid, HEMA (hydroxyethyl methacrylate), maleic acid, initiators and stabilizers
- 2.2 Hazardous components
- 3 % Maleic acid (CAS No. 110-16-7)
< 40 % HEMA (CAS No. 868-77-7); Xi: R36/38-43
< 11 % Methacrylate modified polyacrylic acid (CAS No. not known)
< 25 % Acetone (CAS No. 67-64-1)
- 2.3 Further information None.
-

- 3 **Hazards identification** Highly flammable. Irritating to eyes and skin. May cause sensitisation by skin contact.
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4 First aid measures

- 4.1 Eye contact Flush eyes with plenty of water (10-15 min.). Call a physician.
- 4.2 Skin contact Wash thoroughly with soap and water.
- 4.3 Ingestion After ingestion call a physician immediately and show this safety data sheet. Give large amounts of water.
- 4.4 Inhalation Take into fresh air.
- 4.5 Further information Remove contaminated clothing.
-

5 Fire-fighting measures

- 5.1 Suitable extinguishing media Water fog, carbon dioxide, foam, dry chemicals.
- 5.2 Extinguishing media to avoid None.
- 5.3 Further information Cool containers in the vicinity of the blaze using a water spray.
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9.12 Explosion limits Lower: vol.%
Upper: vol.%
not applicable

9.13 Further information None.

10 Stability and reactivity

10.1 Thermal decomposition None, if used in accordance to instructions. None

10.2 Hazardous decomposition products under normal conditions of storage and use.

10.3 Hazardous reactions Avoid excessive heat and direct sunlight.

10.4 Further information Avoid exposure to light.

11 Toxicological information

11.1 Acute toxicity The oral LD50 for rats is > 2000 mg/kg.
Mucous membranes: irritating.
May cause severe eye irritation. Eye Contact: (see 4.1., First aid measures).

11.2 Subacute / chronic toxicity Uncured material: prolonged or frequently repeated skin contact may cause allergic skin reactions in some individuals.

11.3 Further information None.

12 Ecological information

German "Wassergefaehrdungs Klasse (WGK)": 1
The product must not enter effluent, ground water, surface water or the soil.

13 Disposal considerations

Take to a special waste incineration plant, in line with local regulations.

13.1 EC waste key 18 01 06 not

13.2 Swiss waste code known Dental

13.3 Origin practice

14 Transport information

14.1 Transport at land: GGVE / GGVS Class 3
RID / ADR Class 3

Warning label UN-No. 1090

Packing group II

Overland statement acetone

14.2 Transport at sea: GGVSee Class 3

ADNR Class 3

UN-No. 1090

IMDG-code page 31-02

EMS F-E, S-D

MFAG 300

Sea transport statement acetone

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14.3 Air transport: ICAO / IATA-GDR
UN-No. PSN

1090

Subsidiary risk
Labels Packing
group Passenger
aircraft Cargo
aircraft only

Flammable liquid II
Packing Instruction 305
Packing Instruction 307

max. 5 l
max. 60 l

14.4 Further information

15 **Regulatory information**

This product requires classification according to the criteria of the EC.
The product is a medical device according to the EC-directive 93/42.

15.1 UN-No.

1090

15.2 Swiss regulations

BAG T No.

Swiss toxicity class

15.3 EC-No.

15.4 Hazard symbols

F



15.5 Hazard designation

F: Highly flammable. Xi: Irritant. Contains Maleic acid (CAS No. 110-16-7), HEMA (CAS No. 868-77-7); Xi: R36/38-43, Methacrylate modified polyacrylic acid (CAS No. not known), Acetone (CAS No. 67-64-1).

15.6 Risk phrases

R: 11-36/38-43

11 Highly flammable.
36/38 Irritating to eyes and skin.
43 May cause sensitisation by skin contact.

15.7 Safety phrases

S: 9-16-23-24/25-26-28-37/39-2

9 Keep container in a well-ventilated place.
16 Keep away from sources of ignition - No smoking.
23 Do not breathe vapour.
24/25 Avoid contact with skin and eyes.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advise.
28 After contact with skin, wash immediately with plenty of water and soap.
37/39 Wear suitable gloves and eye/face protection.
2 Keep out of the reach of children.

15.8 MAK value

15.9 BVD classification

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15.10 VbF B None.

15.11 Further information

16 **Other information** Amendment: 14
Version: 3

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications have not the meaning of guarantees on properties.
