

EU Safety Data Sheet

Excite



Date of issue / Reference 27.10.2006 licasa
Replaces version of 30.03.2005 hot
Date of printing 27.10.2006 **Sheet No. 1348**

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Company Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan
Principality of Liechtenstein

1 Commercial product name and supplier

- 1.1 Commercial product name / Designation **Excite**
- 1.2 Application / Use Bonding agent
- 1.3 Producer Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan
Fürstentum Liechtenstein
- 1.4 Supplier
- 1.5 TOX emergency number Emergency-Call: +423 / 235 35 35 or 373 40 40
Ivoclar Vivadent AG, FL-9494 Schaan, Liechtenstein

2 Composition

- 2.1 Chemical characterization Mixture of dimethacrylates, alcohol, phosphonic acid acrylate, HEMA (hydroxyethyl methacrylate), SiO₂, initiators and stabilizers
- 2.2 Hazardous components
- CAS No. 223681-84-3 < 11 % Phosphonic acid acrylate
Xi: Irritant. R43: May cause sensitisation by skin contact. R36/38: Irritating to eyes and skin.
- CAS No. 868-77-7 < 15 % HEMA
Xi: Irritant. R43: May cause sensitisation by skin contact. R36/38: Irritating to eyes and skin.
- < 53 % Dimethacrylates (CAS-No. 1565-94-2; 1830-78-0; 72869-86-4)
- CAS No. 64-17-5 < 20 % Alcohol
F: Highly flammable. R11: Highly flammable.
- 2.3 Further information None.

3 Hazards identification

May cause sensitisation by skin contact. Irritating to eyes and skin.

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 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.

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5 Fire-fighting measures

- 5.1 Suitable extinguishing media No specific requirements.
- 5.2 Extinguishing media to avoid None.
- 5.3 Further information None.

6 Accidental release measures

Clean up with absorbent material.
Clean area with large amounts of water.
Prevent skin and eye contact.

7 Handling and storage

- 7.1 Handling Only adequately trained personnel should handle this product.
- 7.2 Industrial hygiene Usual hygienic measures for dental practice.
Practice care and caution to avoid skin and eye contact.
Keep out of reach of children.
- 7.3 Storage Store at 2-28 °C / 36-82 °F
- 7.4 Place of storage Do not store in open sunshine.
- 7.5 Fire- and explosion-protection Keep away from heat source.

8 Exposure controls / Personal protection

- 8.1 Technical measures Good general ventilation should be sufficient.
- 8.2 Control of threshold limits None established.
- 8.3 Personal protective equipment
- 8.3.1 Respiratory protection Respiratory Protection.
- 8.3.2 Hand protection Gloves
Commercial medical gloves do not provide protection against the sensitizing effect of methacrylates.
Check penetration time for the specific gloves used with the glove manufacturer.
- 8.3.3 Eye protection Safety goggles or face-shield.
Eye wash fountain should be located in immediate work area.
- 8.3.4 Other None.

9 Physical and chemical properties

- 9.1 Appearance liquid
- 9.2 Colour colourless
- 9.3 Odour characteristic

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9.4	Change of physical state		Test method:
		not applicable	
9.5	Density	1.04 g/cm ³ (20°C)	
9.6	Vapour pressure		
		not applicable	
9.7	Viscosity		
		not known	
9.8	Solubility		
	Solubility in		
		partially miscible	
9.9	pH	1.7	
9.10	Flash point	> 40 °C	
9.11	Ignition temperature		
		not applicable	
9.12	Explosion limits	Lower: Upper:	
		not applicable	
9.13	Further information	None.	

10 Stability and reactivity

10.1	Thermal decomposition	None, if used in accordance to instructions.
10.2	Hazardous decomposition products	None 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	Oral LD50 for rats: > 2000 mg/kg Prevent skin and eye contact. Mucous membranes: irritating.
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

No specific ecological effects.
German "Wassergefahrdungs Klasse (WGK)": 1

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13 Disposal considerations Take to an approved landfill or a waste incineration plant, under conditions approved by the local authority.

13.1 EU waste key 18 01 06

14 Transport information

14.1 Transport at land ADR --- RID ---

UN Number --- Kemler Number ---
Packing Group ---
Proper shipping name ---

14.2 Transport at sea ADNR --- IMDG ---

UN Number ---
EMS --- MFAG ---
Packing Group
Proper shipping name ---

14.3 Air transport ICAO / IATA-DGR ---
UN Number ---
Proper shipping name ---

Subsidiary Risk ---
Labels ---
Packing Group ---
Passenger airplane Packing Instructions ---
max. ---
Cargo Airplane Packing Instructions ---
max. ---

14.4 Further information Product is not classified as a dangerous good for transport.

15 Regulatory information

The product is a medical device according to the EC-directive 93/42/EEC.
This product is classified as a medical device under US and Canadian regulations and has been reviewed by the US Food and Drug Administration and Health Canada.

15.1 UN number ---

15.2 National regulations

15.3 EU number ---

15.4 Hazard symbols **Xi**

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- 15.5 Hazard designation Xi: Irritant. Contains HEMA, Alcohol, Dimethacrylates (CAS-No. 1565-94-2; 1830-78-0; 72869-86-4), Phosphonic acid acrylate.
- 15.6 Risk phrases **R: 43-36/38**
43 May cause sensitisation by skin contact.
36/38 Irritating to eyes and skin.
- 15.7 Safety phrases **S: 2-26-28-24/25-37/39**
2 Keep out of the reach of children.
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.
24/25 Avoid contact with skin and eyes.
37/39 Wear suitable gloves and eye/face protection.
- 15.8 MAK value --- ml/m³ (ppm)
- 15.9 BVD classification (CH) ---
- 15.10 VbF (D) ---
- 15.11 Further information None.

16 Other information

Version: 3
Changes: 2, 5, 8, 12, 13, 15

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 do not have the meaning of guarantees on properties.