

EU Safety Data Sheet

Systemp.link

Date of issue / Reference 14.12.2007 lise / Version 4
Replaces version of 04.11.2005
Date of printing 07.07.2009 **Sheet No. 1583** Version 4 Page 1 of 5
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Company Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan
Fürstentum Liechtenstein

1 Commercial product name and supplier

- 1.1 Commercial product name / Designation **Systemp.link**
- 1.2 Application / Use Temporary composite cement
- 1.3 Producer Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan
Fürstentum Liechtenstein
msds@ivoclarvivadent.com
- Supplier
- 1.4 TOX emergency number
Official Emergency-Call: +423 / 235 35 35
Ivoclar Vivadent AG, FL-9494 Schaan, Liechtenstein
-

2 Hazards identification

Uncured material: Direct contact can cause eye and skin irritation. The material is contraindicated if a person is known to be allergic to any of the ingredients of the product.

3 Composition

- 3.1 Chemical characterization Paste of dimethacrylates, inorganic fillers, initiators, stabilizers and pigments
- 3.2 Hazardous components
CAS No. 94-36-0 <1 % Benzoylperoxide
EINECS/ELINCS No.: 202-327-6
Xi: Irritant. E: Explosive. R2: Risk of explosion by shock, friction, fire or other sources of ignition. R36: Irritating to eyes. R43: May cause sensitisation by skin contact.
< 56 % Dimethacrylates (CAS No. 76558-74-2 and 25852-47-5)
Xi: Irritant. R36/37/38: Irritating to eyes, respiratory system and skin.
- 3.3 Further information None.
-

4 First aid measures

- 4.1 Eye contact Flush with plenty of water. Consult a physician if irritation persists.
- 4.2 Skin contact Wash thoroughly with water.
- 4.3 Ingestion No hazards anticipated from swallowing small amounts incidentally to normal handling.

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- | | | |
|-----|---------------------|--|
| 4.4 | Inhalation | Remove to fresh air. |
| 4.5 | Further information | If you feel unwell, seek medical advice (show this safety data sheet). |
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5 Fire-fighting measures

- | | | |
|-----|------------------------------|---|
| 5.1 | Suitable extinguishing media | Water fog, carbon dioxide, foam, dry chemicals. |
| 5.2 | Extinguishing media to avoid | None known |
| 5.3 | Further information | None. |
-

6 Accidental release measures

Clean up mechanically.
Dispose of according to local and national regulations.

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. |
| 7.3 | Storage | Store at 2-8 °C |
| 7.4 | Place of storage | Avoid exposure to light.
Store in a cool, dry place.
Avoid exposure to light. |
| 7.5 | Fire- and explosion-protection | Not required. |
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8 Exposure controls / Personal protection

- | | | |
|-------|---------------------------------|--|
| 8.1 | Exposure controls | Good general ventilation should be sufficient. |
| 8.2 | Exposure limit values | None established. |
| 8.3 | Occupational exposure controls | |
| 8.3.1 | Respiratory protection | Not required. |
| 8.3.2 | Hand protection | Rubber 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. |
| 8.3.4 | Other | None. |
| 8.4 | Environmental exposure controls | |
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9 Physical and chemical properties

- | | | |
|------------------------------|----------------------------|--------------|
| 9.1 Appearance | Paste | |
| 9.2 Colour | colourless to light yellow | |
| 9.3 Odour | practically odourless | |
| 9.4 Change of physical state | | Test method: |
| | --- | |
| | not determined | |
| 9.5 Density | | |
| | Not determined. | |
| 9.6 Vapour pressure | | |
| | not applicable | |
| 9.7 Viscosity | | |
| | not determined | |
| 9.8 Solubility | | |
| Solubility in water | < 0.5 % | |
| 9.9 pH | | |
| | Not determined. | |
| 9.10 Flash point | > 150 °C | |
| 9.11 Ignition temperature | | |
| | not determined | |
| 9.12 Explosion limits | | |
| | Lower: | |
| | Upper: | |
| | not applicable | |
| 9.13 Further information | | |
| Part. coeff. n-octanol/water | | |
| Evaporat. rate | | |
| | 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 Conditions / materials to avoid | None. |
| 10.4 Further information | Avoid exposure of product to light. |
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11 Toxicological information

11.1 Acute toxicity

11.2 Subacute / Chronic toxicity Uncured material: prolonged or frequently repeated skin contact may cause allergic skin reactions.

11.3 Further information

12 Ecological information

12.1 Ecotoxicity No data available.

12.2 Mobility No data available.

12.3 Persistence and degradability No data available.

12.4 Bioaccumulative potential No data available.

12.5 Further information No ecological problems to be anticipated if properly handled and used.
nearly insoluble

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 20 01 39

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 ---
Marine pollutant

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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.

15.1 UN number ---

15.2 National regulations

15.3 EINECS/ELINCS number ---

15.4 Hazard symbols

15.5 Hazard designation Contains Benzoylperoxide, Dimethacrylates (CAS No. 76558-74-2 and 25852-47-5).

15.6 Risk phrases

15.7 Safety phrases

15.8 AGW value --- ml/m³ (ppm)

15.9 BVD classification (CH) ---

15.10 VbF (D) ---

15.11 Further information None.

16 Other information Version: 4

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.
