# EU Safety Data Sheet

**Telio Lab LC**
**Transpa Incisal and Base**

<table>
<thead>
<tr>
<th>Date of issue / Reference</th>
<th>20.07.2010</th>
<th>Liprt</th>
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<tbody>
<tr>
<td>Replaces version of</td>
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<td>Date of printing</td>
<td>20.07.2010</td>
<td>Sheet No. 1808</td>
</tr>
<tr>
<td>Company</td>
<td>Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan Fürstentum Liechtenstein</td>
<td></td>
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</tbody>
</table>

## 1 Commercial product name and supplier

**Telio Lab LC**
**Transpa Incisal and Base**

### 1.1 Commercial product name / Designation

### 1.2 Application / Use

Light-curing characterization material

### 1.3 Producer

Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan Fürstentum Liechtenstein

### 1.4 TOX emergency number

**Official**

- Emergency-Call: +423 / 235 33 13
- Ivoclar Vivadent AG, FL-9494 Schaan, Liechtenstein

## 2 Hazards identification

Uncured material: Direct contact can cause eye and skin irritation. May cause sensitization by skin contact.

## 3 Composition

### 3.1 Chemical characterization

Paste of dimethacrylates, copolymer, silicodioxide, catalysts, stabilizers and pigments

### 3.2 Hazardous components

<table>
<thead>
<tr>
<th>CAS No.</th>
<th>Component</th>
<th>Percent</th>
<th>Classification</th>
<th>EINECS/ELINCS No.</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>72869-86-4</td>
<td>&lt; 30 % Urethane dimethacrylate</td>
<td></td>
<td>Xi: IRRITANT R36: IRRITATING TO EYES R38: IRRITATING TO SKIN R43: MAY CAUSE SENSITISATION BY SKIN CONTACT.</td>
<td>276-957-5</td>
<td></td>
</tr>
<tr>
<td>6701-13-9</td>
<td>&lt; 10 % Decamethylendimethacrylate</td>
<td></td>
<td>Xi: IRRITANT R43: MAY CAUSE SENSITISATION BY SKIN CONTACT.</td>
<td>229-745-1</td>
<td></td>
</tr>
</tbody>
</table>

### 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.
4.4 Inhalation
Remove to fresh air.

4.5 Further information
None.

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 2-28 °C / 36-82 °F

7.4 Place of storage
Avoid exposure to light.

7.5 Fire- and explosion-protection
Not required.

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
Gloves. Check penetration time for the specific gloves used with the glove manufacturer. Commercial medical gloves do not provide protection against the sensitizing effect of methacrylates.

8.3.3 Eye protection
Safety goggles.

8.3.4 Other
None.

8.4 Environmental exposure controls
Not relevant.
9 Physical and chemical properties

9.1 Appearance Paste

9.2 Colour off-white to cream

9.3 Odour practically odourless

9.4 Change of physical state Test method:

---

9.5 Density Not determined.

9.6 Vapour pressure not applicable

9.7 Viscosity not determined

9.8 Solubility

Solubility in water < 0.1 %

9.9 pH Not determined.

9.10 Flash point not applicable

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.
11 Toxicological information

11.1 Acute toxicity
Oral LD50 for rats: > 5000 mg/kg

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

11.3 Further information
No hazards anticipated from swallowing small amounts incidentally to normal handling.

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

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
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 does not require classification according to the criteria of the EC.

15.1 UN number: ---

15.2 National regulations

15.3 EINECS/ELINCS number: ---

15.4 Hazard symbols: Xi

15.5 Hazard designation

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: 24-28-37
  24 Avoid contact with skin.
  28 After contact with skin, wash immediately with plenty of ... (to be specified by manufacturer).
  37 Wear suitable gloves.

15.8 AGW value

15.9 BVD classification (CH)

15.10 VbF (D)

15.11 Further information

None.
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.