

# Material Safety Data Sheet

Telio Lab LC  
Transpa Incisal and Base

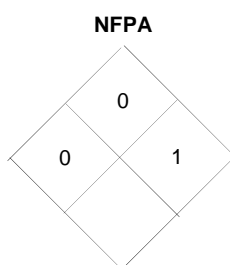


Date of issue / Reference 20.07.2010 liprt  
Replaces version of 20.05.2010 liprt / v1  
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Company Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan  
Fürstentum Liechtenstein

## 1 Commercial product name and supplier

1.1 Commercial product name / Designation **Telio Lab LC**  
**Transpa Incisal and Base**



HMIS	
H	0
F	0
R	1

1.2 Application / Use Light-curing characterization material

1.3 Producer Ivoclar Vivadent AG, Bendererstrasse 2, 9494 Schaan  
Principality of Liechtenstein (FL)

1.4 Supplier Ivoclar Vivadent, Inc.  
175 Pineview Drive, Amherst NY 14228, USA  
2785 Skymark Ave., Unit 1 Mississauga, ON L4W4Y3, Canada  
MSDS prepared by Anderjeet Gulati. Tel. No. 716 691-0010

1.5 24 Hour Emergency Assistance Emergency-Call USA- Infotrac: 1-800-535-5053  
Emergency-Call Canada - Canutec: 1-613-996-6666  
General MSDS Assistance US: 1-800-533-6825  
Canada: 1-800-263-8182

## 2 Composition

2.1 Chemical characterization Paste of dimethacrylates, copolymer, silicodioxide, catalysts, stabilizers and pigments

2.2 Hazardous components

CAS No. 72869-86-4 < 30 % Urethane dimethacrylate  
Xi: Irritant. R36: Irritating to eyes. R38: Irritating to skin. R43: May cause sensitisation by skin contact.

CAS No. 6701-13-9 < 10 % Decamethylendimethacrylate  
Xi: Irritant. R43: May cause sensitisation by skin contact.

2.3 Further information None.

3 **Hazards identification** Uncured material: Direct contact can cause eye and skin irritation.  
May cause sensitization by skin contact.

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## 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 | Flash point                  | not applicable                                  |
| 5.4 | Ignition temperature         | not determined                                  |
| 5.5 | Explosion limits             | Lower:<br>Upper:<br>not applicable              |
| 5.6 | Further information          | None.   |
- 

Test method:

## 6 Accidental release measures

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

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## 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.                              |

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## 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 Further information

Part. coeff. n-octanol/water

Evaporat. rate

None.

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## 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 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.

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## 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.

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

### 15.1 National regulations

### 15.2 NFPA Storage

### 15.3 Further information

None.

## 16 Other information

No other information.

*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.*

