

# Material Safety Data Sheet

Telio Stains

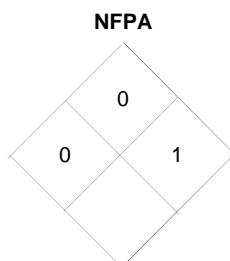


Date of issue / Reference 20.07.2010 liprt  
Replaces version of 14.05.2010 liprt / v1  
Date of printing 20.07.2010 **Sheet No. 1807** Version 2 Page 1 of 5

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

## 1 Commercial product name and supplier

1.1 Commercial product name / Designation **Telio Stains**



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, inorganic fillers, initiators, stabilizers and pigments

2.2 Hazardous components

CAS No. 1565-94-2	< 38 % Bis-GMA Xi: Irritant. R36: Irritating to eyes. R38: Irritating to skin.
CAS No. 109-16-0	< 18 % Triethylene glycoldimethacrylate Xi: Irritant. R43: May cause sensitisation by skin contact. R36/37/38: Irritating to eyes, respiratory system and skin.
CAS No. 72869-86-4	< 33 % Urethane dimethacrylate Xi: Irritant. R36: Irritating to eyes. R38: Irritating to skin. 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.

# Material Safety Data Sheet

Telio Stains



Date of issue / Reference	20.07.2010	liprt		
Replaces version of	14.05.2010	liprt / v1		
Date of printing	20.07.2010	<b>Sheet No. 1807</b>	Version 2	Page 2 of 5

---

## 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                  | Test method:                                    |
| 5.4 | Ignition temperature         | not determined                                  |
| 5.5 | Explosion limits             | Lower:<br>Upper:<br>not applicable              |
| 5.6 | 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.                              |

# Material Safety Data Sheet

Telio Stains



Date of issue / Reference	20.07.2010	liprt		
Replaces version of	14.05.2010	liprt / v1		
Date of printing	20.07.2010	<b>Sheet No. 1807</b>	Version 2	Page 3 of 5

---

## 8.3 Occupational exposure controls

8.3.1 Respiratory protection Not required.

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.

8.3.4 Other None.

8.4 Environmental exposure controls Not relevant.

---

## 9 Physical and chemical properties

9.1 Appearance Paste

9.2 Colour various

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.

---

# Material Safety Data Sheet

Telio Stains



Date of issue / Reference	20.07.2010	liprt		
Replaces version of	14.05.2010	liprt / v1		
Date of printing	20.07.2010	<b>Sheet No. 1807</b>	Version 2	Page 4 of 5

---

## 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           | No ecological problems to be anticipated if properly handled and used.<br>nearly insoluble |
- 

## 13 Disposal considerations

Take to a waste incineration plant, under conditions approved by the local authority.

---

## 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     | --- |               |     |

# Material Safety Data Sheet

Telio Stains



Date of issue / Reference	20.07.2010	liprt		
Replaces version of	14.05.2010	liprt / v1		
Date of printing	20.07.2010	<b>Sheet No. 1807</b>	Version 2	Page 5 of 5

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 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.*

