

EU Safety Data Sheet

Telio CAD



Date of issue / Reference 11.12.2009 liprt
Replaces version of
Date of printing 14.04.2010 **Sheet No. 1795** Version 1 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 **Telio CAD**
- 1.2 Application / Use PMMA block for the CAD/CAM technology
- 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 or 373 40 40
Ivoclar Vivadent AG, FL-9494 Schaan, Liechtenstein

2 Hazards identification

None, if used in accordance to instructions.

3 Composition

- 3.1 Chemical characterization 99.5 % Polymethylmethacrylate (CAS-No. 9011-14-7), Pigments
- 3.2 Hazardous components None.
- 3.3 Further information None.

4 First aid measures

- 4.1 Eye contact Grinding dust:
Flush eyes with plenty of water; mechanical effects only.
- 4.2 Skin contact No specific requirements.
- 4.3 Ingestion No hazard anticipated from ingestion.
- 4.4 Inhalation Grinding dust:
Take into fresh air.
- 4.5 Further information None.

5 Fire-fighting measures

- 5.1 Suitable extinguishing media Water fog, carbon dioxide, foam

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5.2 Extinguishing media to avoid None known

5.3 Further information None.

6 Accidental release measures Clean up mechanically.

7 Handling and storage

7.1 Handling No specific requirements.

7.2 Industrial hygiene Usual hygienic measures are necessary.

7.3 Storage No specific requirements.
Store at 2-28 °C / 36-82 °F

7.4 Place of storage No specific requirements.

7.5 Fire- and explosion-protection Not required.

8 Exposure controls / Personal protection

8.1 Exposure controls No specific requirements.

8.2 Exposure limit values Not relevant.

8.3 Occupational exposure controls

8.3.1 Respiratory protection Not required.

8.3.2 Hand protection Not required.

8.3.3 Eye protection Not required.

8.3.4 Other None.

8.4 Environmental exposure controls Not relevant.

9 Physical and chemical properties

9.1 Appearance solid

9.2 Colour tooth shaded

9.3 Odour none

9.4 Change of physical state Test method:

Softening point 100 °C

>150 °C

9.5 Density ca. 1.18 g/cm³ (20°C)

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9.6 Vapour pressure

not applicable

9.7 Viscosity

not applicable

9.8 Solubility

water

nearly insoluble

9.9 pH

Not applicable.

9.10 Flash point

not applicable

9.11 Ignition temperature

not determined

9.12 Explosion limits

Lower:

Upper:

None.

9.13 Further information

Part. coeff. n-octanol/water

Evaporat. rate

None.

10 Stability and reactivity

10.1 Thermal decomposition

> 150°C

None under standard conditions.

10.2 Hazardous decomposition products

None under normal conditions of storage and use.

Product may decompose at elevated temperatures generating vapours which could be irritating (Methylmethacrylate).

10.3 Conditions / materials to avoid

Acetone

Organic solvents.

10.4 Further information

None.

11 Toxicological information

11.1 Acute toxicity

No relevant information found.

11.2 Subacute / Chronic toxicity

No hazards known.

11.3 Further information

None.

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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	German 'Wassergefaehrdungs Klasse (WGK): not dangerous to water

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.			

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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.
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

15.5 Hazard designation

15.6 Risk phrases

15.7 Safety phrases

15.8 AGW value

15.9 BVD classification (CH)

15.10 VbF (D)

15.11 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.