

# Material Safety Data Sheet

according to NOHSC:2011(2003)



**Product name :** Ivoclar Vivadent Telio CS C&B  
**Statement of Hazardous Nature :** This product is classified as: Non Hazardous according to criteria of National Occupational Health and Safety Commission.  
**Revision :** 10.11.2009      **Version :** 1.0.0  
**Print date :** 10.11.2009

## 01. Identification of substance, preparation and company

**Product name :** Ivoclar Vivadent Telio CS C&B

**Use of the substance / preparation :** Temporary C&B material

**Manufacturer/Supplier :** Ivoclar Vivadent AG  
**Street/P.O.Box :** Bendererstrasse 2, FL -9494 Schaan  
**Country code/Postal code/Town/City :** Fürstentum Liechtenstein  
**Telephone :** +(716) 691-0010  
**Telefax :** +423 / 235 35 35 or 373 40 40  
**Distributor :** Ivoclar Vivadent P/L (Australia), 1-5 Overseas Drive, Noble Park North, Victoria 3174  
Phone No.: +61-3 9795 9599, Tele fax No.: +61-3 9795 9645

**Emergency information :** Poisons Information Centre: Dial 13 11 26  
24 hours a day, 7 days a week Australia wide

## 02. Hazards identification

### Statement of Hazardous Nature

This product is not classified as: Hazardous according to criteria of National Occupational Health and Safety Commission.  
Non-Dangerous Goods according to ADG.

### Hazard designation

Uncured material: May cause sensitization by skin contact. Direct contact may cause eye and skin irritation.  
Classification : Not classified  
ADG Classification: not classified  
UN Number: not classified

### Particular information pertaining specific risk for human and environment

None, if handled according to order.

## 03. Composition/information on ingredients

Mixture of polyfunctional methacrylates, anorganic filler, catalysts, stabilizers and pigments

### Hazardous components

< 51 % Dimethacrylate (CAS No. 41637-38-1) Xi: Irritant. R36/38: Irritating to eyes and skin.

### Other ingredients determined not be hazardous

None

## 04. First-aid measures

### General

#### After inhalation

Let in fresh air. Call a doctor, should the air passages be affected.

#### After skin contact

Flush with plenty of water.

#### After eye contact

Flush with plenty of water (10 - 15 min.). Contact a doctor immediately.

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## After ingestion

No hazard anticipated from ingestion.

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## 05. Fire-fighting measures

### Suitable extinguishing media

Not combustible under normal conditions. Adapt extinguishing measures to suit the environment. Water fog, carbon dioxide, foam, dry chemicals.

### Unsuitable extinguishing media

None

### Special risk posed by the substance or by the actual preparation, its combustion products or gases discharged

### Special protective equipment

none

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## 06. Accidental release measures

### Personal precautions

Wear suitable protective clothing, gloves and eye/face protection.

### Environmental precautions

Prevent from flowing into surface water/ground water.

### Methods for cleaning up/collecting

Take up with a mechanical source and proceed according to the waste disposal regulations.

### Additional information

Remove according to regulations.

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## 07. Handling and storage

### Information for safe handling

Only adequately trained personnel should handle this product. Keep out of reach of children.

### Information about protection against explosions and fires

No anti-explosion measures necessary.

### Requirements to be met by storerooms and containers

Keep only in the original container. Store at 12-28 °C . Store in a dry place

### Information about separation of incompatible products

Store the foodstuffs separately. Sensitive to cold below < 2 °C

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## 08. Exposure controls and personal protection

Control of threshold limits MAK (Maximale Arbeitsplatzkonzentration, Germany, 1996) is 1000 ppm.

### Additional information about engineering measures

No particular measures required. Technical measures Provide adequate local ventilation.

### Components with critical values that require monitoring at the workplace (exposure limits)

Dust and Vapours; Vapour pressure 59 mbar (20°C) 0°C)

Specification : TWA (AUS)

Value : MAK 0.0 mg/m<sup>3</sup> MAK values : 1000 ppm

### Personal protective equipment

Do not eat or drink during work - no smoking. Keep away from food, drink and animal feeding stuff.. Avoid contact with skin and eyes. Respiratory protection In dusty atmospheres, use an approved dust respirator P2. If metal fumes are present, use an approved high-efficiency particulate respirator (P3).

### Respiratory protection

Provide for good ventilation. Respiratory protection Respiratory Protection. Avoid inhalation of dust while grinding. In dusty atmospheres, use an approved dust respirator

### Hand protection

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Short-term exposure (< 30 min): disposable gloves, e.g. nitrile rubber, material thickness 0.1 mm (Australian Standard 2161).  
Long-term exposure (Level 6: < 480 min): protective gloves, e.g. nitrile rubber, material thickness 0.7 mm (Australian Standard 2161). Commercial medical gloves do not provide protection against the sensitizing effect of methacrylates.

## Eye protection

Use tightly fitting safety glasses (Australian Standard AS 1336 and AS/NZS 1337).

## Body protection

No particular measures required.

## 09. Physical and chemical properties

### Image

**Form :** Solid  
**Colour :** Tooth Shaded  
**Odour :** Practically Odourless

### Relevant safety data

<b>Softening point / range :</b>	( 1013 hPa )		150 °C	
<b>Casting point / range :</b>	( 1013 hPa )	ca.	not applicable	°C
<b>Flash point :</b>			not applicable	°C      DIN 51755
<b>Ignition temperature :</b>			not applicable	°C
<b>Lower explosion limit :</b>			not applicable	% b.v.
<b>Upper explosion limit :</b>			not applicable	% b.v.
<b>Density :</b>	( 20 °C )		1.50	g/cm <sup>3</sup>
<b>Solubility in water :</b>	( 20 °C )		<1	% b.w.
<b>pH value :</b>			not determined	

## 10. Stability and reactivity

### Conditions to avoid

None, if handled according to order.

### Materials to avoid

Acetone  
Organic solvents.

### Hazardous decomposition products

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

## 11. Toxicological information

### Toxicological tests

Not relevant  
**Primary irritant effect**  
Not relevant  
**Sensitization**

. none

### Experience on practice

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

## 12. Ecological information

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

### Details on elimination (persistence / degradability)

#### Abiotoxic elimination

No data available.

#### Biological degradation / elimination

No data available.

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## Fate in environmental compartments

There are no data available on the preparation itself.

## Ecotoxicological effects

### Performance in sewage-treatment plants

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

## 13. Disposal considerations

**Product** EU waste key 20 01 39

Concentrate: The cleaned-up material must be disposed of in accordance with Federal, State or Local regulations. Take to a waste incineration plant, under conditions approved by the local authority.

### Contaminated packaging

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Un cleaned packaging must be disposed of in the same manner as the medium.

## 14. Transport information

Product is not classified for any mode of transportation

### Land transport ADG

#### Classification

**Class :** - ADR RID

### Maritime transport IMDG

#### Classification

**IMDG-Code :** - UN  
Number  
Packing  
Group  
Proper shipping  
name  
1170  
EMS F-E, S-D UN

### Air transport ICAO-TI and IATA-DGR

#### Classification

<b>Class :</b>	ICAO / IATA-DGR Proper shipping name UN Number	Packing Instructions Packing Group Subsidiary Risk Labels
	max. Packing Instructions	

## 15. Regulatory information

**Classification** This product does not require classification according to the criteria of the EC. The product is a medical device according to the EC-directive 93/42

### Danger symbol and danger designation



Xi: Irritant.

### Hazard-determining components of labelling

None : MAK values 0 ml/m<sup>3</sup>

### R-phrases

R36/38: Irritating to eyes and skin.

### S-phrases

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## 16. Other information

### **Processing instructions / technical data sheets**

Please observe the label/directions for use!

### **Further information**

This is a medical device classified under the requirements of EU and TGA . Complies with ISO 8891, ISO 9693

### **Contact**

Dr. Peter Lobo

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These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.