

# Material Safety Data Sheet

according to NOHSC:2011(2003)



**Product name :** Ivoclar Vivadent OptraGate  
**Statement of Hazardous Nature :** This product is classified as: Non Hazardous according to criteria of National Occupational Health and Safety Commission.  
**Revision :** 17.07.2014      **Version :** 1.0.1  
**Print date :** 17.07.2014

## 01. Identification of substances, preparation and company

**Product name:** Ivoclar Vivadent OptraGate  
**Use of the substance / preparation:** Flexible aid for full mouth access  
**Manufacturer / Supplier:** Ivoclar Vivadent AG  
**Street / P O Box:** Benderstrasse 2  
**Country code / Postal Code / Town / City:** FL-9494 Schaan  
Principality of Liechtenstein  
**Telephone:** + 423 235 35 35  
**Telefax:** + 423 235 33 60  
**Distributor:** Ivoclar Vivadent Pty Ltd  
1 – 5 Overseas Drive  
Noble Park North VIC 3174  
Australia  
**Telephone:** + 61 3 9795 9599  
**Telefax:** + 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 classified as: Non Hazardous according to criteria of National Occupational Health and Safety Commission.  
**Hazard designation**  
Classification: not classified  
ADG Classification: not classified  
UN Number: not classified  
**Particular information pertaining specific risk for human and environment**  
**R phrases**  
None.  
**S phrases**  
None.

## 03. Composition / information on ingredients

**Chemical characterisation**  
Product is made of Styrol-Ethylen-Butylen-Styrol (SEBS 95%)  
**Hazardous components**  
none  
**Dangerous component / Risk phrases:**  
none

## 04. First-aid measures

**General**  
The material is contra-indicated if a person is known to be allergic to any of the ingredients of the product.  
**After inhalation**  
No specific requirements.  
**After skin contact**  
No specific requirements.  
**After eye contact**  
No specific requirements.  
**After ingestion**  
No specific requirements.

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## 05. Fire-fighting measures

### **Suitable extinguishing media**

Carbon dioxide, extinguishing powder, water fog, foam and dry chemicals. Not combustible under normal conditions. Adapt extinguishing measures to suit the environment.

### **Unsuitable extinguishing media**

Waterjet.

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

None.

### **Special protective equipment**

When extinguishing fires, use breathing apparatus with an independent source of air.

Firefighters should wear full protective clothing including self-contained breathing apparatus.

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## 06. Accidental release measures

### **Personal precautions**

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

### **Environmental precautions**

Complete the disposal in compliance with all applicable Local, State and Federal government regulations.

### **Methods for cleaning up / collecting**

Clean up mechanically.

Complete the disposal in compliance with all applicable Local, State and Federal government regulations.

### **Additional information**

None.

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## 07. Handling and storage

### **Information for safe handling**

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**

Store in a dry, well-ventilated area in the original container.

Store at 2 – 28°C / 36 – 82°F. Do not store in open sunshine.

### **Information about separation of incompatible products**

Store foodstuffs separately.

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## 08. Exposure controls and personal protection

### **Additional information about engineering measures**

No particular measures required.

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

None.

Specifications: TWA (AUS)

Value: MAK 0mg/m<sup>3</sup>

### **Personal protective equipment**

Do not eat or drink during work. No smoking. Keep away from food, drink and animal feeding stuff.

### **Respiratory protection**

Provide for good ventilation.

### **Hand protection**

Short-term exposure (<30mins): disposable gloves, eg: nitrile rubber, material thickness 0.1mm (Australian Standard 2161). Long-term exposure (Level 6: < 480min): protective gloves, eg: nitrile rubber, material thickness 0.7mm (Australian Standard 2161).

Commercial medical gloves do not provide protection against the sensitising effect of methacrylates.

Check penetration time for the specific gloves used with the glove manufacturer. Solvent resistant gloves.

### **Eye protection**

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

An eyewash fountain should be located in the immediate working area. Wear eye protection when mixing or using. Use approved close fitting safety goggles and / or visor for splash protection.

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## Body protection

No particular measures required.

## 09. Physical and chemical properties

### Image

**Form:** Flexible solid  
**Colour:** White  
**Odour:** Odourless

### Relevant safety data

Melting point/range:	(1013 hPa)		n/a	°C	
Casting point/range:	(1013 hPa)	ca.	n/a	°C	
Flash point:			n/a	°C	DIN 51755
Ignition temperature			n/a	°C	
Viscosity:			n/a	mPas	
Vapour pressure:			n/a	mbar	
Density:	(20°C)		n/a	g/cm <sup>3</sup>	
Solubility in water:	(20°C)		Not soluble	g/l	
pH value:			n/a		

## 10. Stability and reactivity

### Conditions to avoid

Avoid excessive heat and direct sunlight.

### Materials to avoid

None.

### Hazardous decomposition products

None.

## 11. Toxicological information

### Toxicological tests

#### Primary irritant effect

The material is contra-indicated if a person is known to be allergic to any of the ingredients of the product.

#### Sensitisation

The material is contra-indicated if a person is known to be allergic to any of the ingredients of the product.

#### Experience on practice

The material is contra-indicated if a person is known to be allergic to any of the ingredients of the product.

## 12. Ecological information

### Details on elimination (persistence / degradability)

#### Abiotal elimination

No data available.

#### Biological degradation / elimination

No data available.

#### Fate in environmental compartments

No data available.

#### Ecotonical effects

#### Performance in sewage/treatment plants

No data available.

## 13. Disposal consideration

### Product

Concentrate: Avoid contamination of ground water or waterways.

The product must not enter effluent, ground water, surface water or the soil.

Clean up with liquid binding material (sand, dolomite, acid binders, universal binders and sawdust).

Complete the disposal in compliance with all applicable Local, State and Federal government regulations.

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### 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. Responsibility for proper waste disposal rests with the generator of the waste. Dispose of any waste material (including containers) in accordance with all applicable Local, State and Federal government regulations regarding waste management methods.

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## 14. Transport information

### Land transport ADG

Classification: not classified  
ADG Class: not classified  
UN Number: not classified  
Label: not classified  
Packing Group: not classified

### Maritime transport IMDG

Classification: not classified  
ADNR Class: not classified  
UN Number: not classified  
Label: not classified  
Packing Group: not classified

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

Classification: not classified  
ICAO/IATA Class: not classified  
UN Number: not classified  
Label: not classified  
Packing Group: not classified

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## 15. Regulatory information

### Danger symbol and danger designation

### Hazard-determining components of labelling

None.

### R phases

None.

### S phrases

None.

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## 16. Other information

### Processing instructions / technical data sheets

Please observe the label / directions for use.

### Further information

**Important Note:** The above-mentioned data correspond to our present state of knowledge and experience as of the date noted and are for use only as a guide in connection with occupational health and safety. 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 the properties of the product.

We make no representation, guarantee or warranty, express or implied, as to the accuracy, reliability or completeness of the information and assume no responsibility for injury damage or loss resulting from the use of the material.

### Contact

Dr Peter Lobo - Ivoclar Vivadent Pty Ltd 1 – 5 Overseas Drive Noble Park North VIC 3174 Australia  
Tel: + 61 3 9795 9599

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This data is based on our present knowledge; however, this shall not constitute a guarantee for any specific product features and shall not establish a legally contractual relationship.

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