

# Material Safety Data Sheet

according to NOHSC:2011(2003)



**Product name :** Ivoclar Vivadent Resin Teeth – Ivostar & Gnathostar  
**Statement of Hazardous Nature :** This product is classified as: Non Hazardous according to criteria of National Occupational Health and Safety Commission.  
**Revision :** 07.05.2014      **Version :** 1.0.1  
**Print date :** 07.05.2014

## 01. Identification of substances, preparation and company

**Product name:** Ivoclar Vivadent Resin Teeth – Ivostar & Gnathostar  
**Use of the substance / preparation:** Resin denture teeth  
**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 (Australia)  
1 – 5 Overseas Drive Noble Park North VIC 3174  
**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

S22 | Do not breathe dust

## 03. Composition / information on ingredients

### Chemical characterisation

Resin teeth based on polymethylmethacrylate.

### Hazardous components

none

### Other ingredients determined not to be hazardous

none

## 04. First-aid measures

### After inhalation

Supply fresh air or oxygen. Seek medical assistance immediately

### After skin contact

Generally the product does not irritate the skin but is recommended to immediately wash with soap and water and rinse thoroughly. Seek medical assistance if required.

### After eye contact

Rinse opened eye under running water (10 - 15 minutes). Seek medical assistance immediately.

### After ingestion

Seek medical assistance immediately.

## 05. Fire-fighting measures

### Suitable extinguishing media

CO2, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

### Unsuitable extinguishing media

none

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

Whilst burning it produces carbon dioxide and carbon monoxide.

**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.

**Additional information**

none

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**06. Accidental release measures**

**Personal precautions**

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

**Environmental precautions**

No further relevant information available.

**Methods for cleaning up / collecting**

Take up mechanically.

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

**Additional information**

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

Usual hygienic measure for dental practice.

**Information about protection against explosions and fires**

No anti-explosions measures necessary.

**Requirements to be met by storerooms and containers**

none

**Information about separation of incompatible products**

none

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**08. Exposure controls and personal protection**

**Additional information about engineering measures**

**Personal protective equipment**

No smoking.

Do not eat or drink during work.

Keep away from food, drink and animal feeding stuff.

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

**Respiratory protection**

Provide for good ventilation.

Respiratory protection should be used.

**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).

**Eye protection**

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

**Body protection**

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

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## 09. Physical and chemical properties

### Image

Form: Solid  
Colour: Various shades  
Odour: Odourless

### Relevant safety data

Melting point/range:	(1013)	Not determined	°C	
Casting point/range:	(1013 hope)	ca.	Not determined	°C
Flash point:			Not determined	°C      DIN 51755
Ignition temperature			Not determined	°C
Lower explosion limit:			Not determined	% b.v.
Upper explosion limit:			Not determined	% b.v.
Vapour pressure	(20°C)		Not determined	hPa
Density:	(20°C)		Not determined	g/cm <sup>3</sup>
Solubility in water:	(20°C)		Insoluble	% b.w.
pH value:			n/a	

## 10. Stability and reactivity

### Conditions to avoid

None if handled in accordance with instructions.

### Materials to avoid

None known.

### Hazardous decomposition products

None if handled in accordance with instructions.

## 11. Toxicological information

### Toxicological tests

No data available.

### Primary irritant effect

No data available.

### Sensitisation

No data available.

### Experience on practice

Generally the product does not irritate the skin but is recommended to immediately wash with soap and water and rinse thoroughly. Seek medical assistance if required.

## 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.

#### Ecotoxicological effects

No data available.

#### Fate in environmental compartments

No data available.

#### Performance in sewage/treatment plants

No data available.

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## 13. Disposal consideration

### **Product**

The cleaned-up material must be disposed of in accordance with Federal, State or Local regulations.

### **Contaminated packaging**

Contaminated packaging must be disposed of in accordance with all applicable local, state and federal regulations regarding waste management methods.

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## 14. Transport information

### **Land transport ADG**

Classification: not classified

ADR/RID: not classified

UN Number: not classified

Label: not classified

Packing Group: not classified

### **Maritime transport IMDG**

Classification: not classified

IMDG: not classified

UN Number: not classified

Label: not classified

Packing Group: not classified

### **Air transport**

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

### **Classification**

none

### **Hazard-determining components of labelling**

none

### **Risk phrases:**

#### **R phrases**

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**

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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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