

## **SAFETY DATA SHEETS**

**This SDS packet was issued with item:**

077103484

**The safety data sheets (SDS) in this packet apply to the individual products listed below. Please refer to invoice for specific item number(s).**

077103476 077103591 077103609 077103633 077103641 077103658 077103666 077103674 077103682 077103690  
077103708 077103716 077103724 077103732 077103773 077104011 077104029 077157050 077157068 077157076  
077157100 077157118 077157126 077157134 077157142 077157159 077157167 077157209 077157217 077157225

**The safety data sheets (SDS) in this packet apply to one or more components included in the items listed below. Items listed below may require one or more SDS. Please refer to invoice for specific item number(s).**

077103500

# Material Safety Data Sheet

Virtual



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Replaces version of 17.10.2007 lise / v5  
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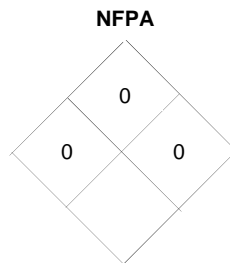
Company Ivoclar Vivadent AG, Bendererstrasse 2, FL - 9494 Schaan  
Fürstentum Liechtenstein

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## 1 Commercial product name and supplier

1.1 Commercial product name / Designation **Virtual**

**Extra Light Body, Light Body, Medium Body, Heavy Body, Monophase, Putty (fast und regular set), CADbite Registration, Virtual 380**



HMIS	
H	0
F	0
R	0

- 1.2 Application / Use Dental silicone impression materials
- 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 Addition-reaction silicones of:  
Vinylpolysiloxane, methylhydrogensiloxane, organic filler, pigment,  
catalyst and food dyes
- 2.2 Hazardous components
- 2.3 Further information None.
- 

3 **Hazards identification** None, if used in accordance to instructions. Prevent from accidental ingestion.

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## 4 First aid measures

- 4.1 Eye contact Flush with plenty of water.
- 4.2 Skin contact Wash with water.
- 4.3 Ingestion No hazards anticipated from swallowing small amounts incidentally to normal handling.
- 4.4 Inhalation No specific requirements.
- 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
- 5.5 Explosion limits Lower:  
Upper:  
not applicable
- 5.6 Further information None.
- 

## 6 Accidental release measures

Clean up mechanically. Wash the area with soap and water. Do not allow to flow off into the drains or waters.  
Dispose of according to local and national regulations.

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## 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 5-28 °C / 41-82 °F.
- 7.4 Place of storage Store in a well ventilated, cool, dry area.  
Keep containers tightly closed.
- 7.5 Fire- and explosion-protection No specific requirements.
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## 8 Exposure controls / Personal protection

- 8.1 Exposure controls No specific requirements.
- 8.2 Exposure limit values None established.

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## 8.3 Occupational exposure controls

- 8.3.1 Respiratory protection Not required.
- 8.3.2 Hand protection Use vinyl gloves only or wash hands thoroughly. (The setting of vinylpolysiloxanes is inhibited by latex gloves.)
- 8.3.3 Eye protection Safety goggles.
- 8.3.4 Other None.

## 8.4 Environmental exposure controls

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## 9 Physical and chemical properties

- 9.1 Appearance Pastes / viscous liquids
- 9.2 Colour various
- 9.3 Odour low
- 9.4 Change of physical state Test method:  
not applicable
- 9.5 Density 1.0-1.6 g/cm<sup>3</sup> (20°C)
- 9.6 Vapour pressure  
not applicable
- 9.7 Viscosity  
not known
- 9.8 Solubility  
Solubility in water  
nearly insoluble
- 9.9 pH  
not known
- 9.10 Further information  
Part. coeff. n-octanol/water  
Evaporat. rate  
None.
-

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## 10 Stability and reactivity

- |                                       |  |
|---------------------------------------|--|
| 10.1 Thermal decomposition            | > 250 °C                                     |
| 10.2 Hazardous decomposition products | None, if used in accordance to instructions. |
| 10.3 Conditions / materials to avoid  | None, if used in accordance to instructions. |
| 10.4 Further information              | None.  |
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## 11 Toxicological information

- |                                  |   |
|----------------------------------|---|
| 11.1 Acute toxicity              | ---   |
| 11.2 Subacute / Chronic toxicity | No adverse effects anticipated by this route of exposure incidental to proper industrial handling.<br>Virtual possesses no cytotoxic potential. |
| 11.3 Further information         | Avoid eye contact.  |
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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           | No ecological problems to be anticipated if properly handled and used.<br>nearly insoluble<br>Material is not degradable in the environment.<br>Do not discharge to sewers or natural waters. |
- 

## 13 Disposal considerations

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

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## 14 Transport information

- |                        |                      |     |               |     |
|------------------------|----------------------|-----|---------------|-----|
| 14.1 Transport at land | ADR                  | --- | RID           | --- |
|                        | UN Number            | --- | Kemler Number |     |
|                        | Packing Group        | --- |               |     |
|                        | Proper shipping name | --- |               |     |

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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.

15.1 National regulations

15.2 NFPA Storage

15.3 Further information None.

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**16 Other information** No other information.

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*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.*

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This safety data sheet has been generated with the safety database 'ChemManager',  
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