

**Safety Data Sheet**  
according to 1907/2006/EC, Article 31

Printing date 05.11.2009

Revision: 05.11.2009

**1 Identification of substance**· **Product details**· **Trade name:** **VENUS Diamond flow**· **Application of the substance / the preparation** Dental filling material· **Manufacturer/Supplier:**Heraeus Kulzer GmbH  
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· **Informing department:**

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**2 Hazards identification**· **Hazard designation:** void· **Information pertaining to particular dangers for man and environment***The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.***3 Composition/information on ingredients**· **Chemical characterization**· **Description:** -· **Dangerous components:** Void**4 First aid measures**· **General information** No special measures required.· **After inhalation** Supply fresh air; consult doctor in case of symptoms.· **After skin contact** Instantly wash with water and soap and rinse thoroughly.· **After eye contact** Rinse opened eye for several minutes under running water.· **After swallowing** Rinse out mouth and then drink plenty of water.**5 Fire fighting measures**· **Suitable extinguishing agents**CO<sub>2</sub>, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.  
Use fire fighting measures that suit the environment.· **Protective equipment:** No special measures required.· **Additional information** -**6 Accidental release measures**· **Person-related safety precautions:** Not required.· **Measures for environmental protection:** No special measures required.· **Measures for cleaning/collecting:** Collect mechanically.· **Additional information:**

See Section 8 for information on personal protection equipment.

See Section 13 for information on disposal.

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### 7 Handling and storage

· **Handling**

- **Information for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.

· **Storage**

- **Requirements to be met by storerooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Store under dry conditions.  
Store cool (not above 25 °C).

### 8 Exposure controls and personal protection

· **Components with critical values that require monitoring at the workplace:**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

- **Additional information:** The lists that were valid during the compilation were used as basis.

· **Personal protective equipment**

· **General protective and hygienic measures**

The usual precautionary measures should be adhered to in handling the chemicals.

· **Breathing equipment:** Not required.

· **Protection of hands:**

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation

· **Penetration time of glove material**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

· **For the permanent contact of a maximum of 15 minutes gloves made of the following materials are suitable:**

PVC or PE gloves  
Natural rubber, NR

· **Eye protection:**

Protective goggles are recommended.  
not absolutely necessary

· **Body protection:** Light weight protective clothing

### 9 Physical and chemical properties:

· **General Information**

- **Form:** Pasty
- **Colour:** White  
Yellowish
- **Smell:** Odourless

· **Change in condition**

- **Melting point/Melting range:** Not determined
- **Boiling point/Boiling range:** Not determined

- **Flash point:** > 100°C

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- |   |                                  |
|---|----------------------------------|
| · <b>Self-inflammability:</b>             | Product is not selfigniting.     |
| · <b>Danger of explosion:</b>             | Product is not explosive.        |
| · <b>Density at 20°C</b>                  | 1.9 g/cm <sup>3</sup>            |
| · <b>Solubility in / Miscibility with</b> |                                  |
| · <b>Water:</b>                           | Not miscible or difficult to mix |

### 10 Stability and reactivity

- **Conditions to be avoided:** No decomposition if used and stored according to specifications.
- **Dangerous reactions** No dangerous reactions known
- **Dangerous products of composition:** None
- **Additional information:** -

### 11 Toxicological information

- **Acute toxicity:**
  - **Primary irritant effect:**
    - **on the skin:** No irritant effect.
    - **on the eye:** No irritant effect.
  - **Sensitization:** No sensitizing effect known.
- **Additional toxicological information:**  
 The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.  
 When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

### 12 Ecological information:

- **General notes:** Avoid transfer into the environment.

### 13 Disposal considerations

- **Product:**
  - **Recommendation** Smaller quantities can be disposed with household garbage.
- **Uncleaned packagings:**
  - **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- |   |    |
|---|----|
| · <b>Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)</b> |    |
| · <b>ADR/RID-GGVS/E Class:</b>  | -  |
| · <b>Maritime transport IMDG/GGVSea:</b>                              |    |
| · <b>IMDG/GGVSea Class:</b>   | -  |
| · <b>Marine pollutant:</b>  | No |
| · <b>Air transport ICAO-TI and IATA-DGR:</b>                          |    |
| · <b>ICAO/IATA Class:</b>   | -  |

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· **Transport/Additional information:** -**15 Regulatory information**· **Designation according to EC guidelines:**

*The product is not subject to identification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).*

*The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.*

**16 Other information:**

*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.*

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· \* **Data compared to the previous version altered.**

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