

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 14.02.2011

Revision: 14.02.2011

Not classified as hazardous according to criteria of Australian Safety and Compensation Council

## 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name: GrandioSO Flow**
- **Application of the substance / the preparation** Dental filling material
- **Manufacturer/Supplier:**  
Australien contact and address:  
VOCO Australia Pty Ltd.  
Suite 406-408, 251 Oxford Street,  
Bondi Junction, NSW 2022
- **Further information obtainable from:** Australia 0449 760 194
- **Information in case of emergency:** Australia: 131126

## 2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:** Not applicable.
- **Safety phrases:**  
28 After contact with skin, wash immediately with plenty of water.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **Additional information:** Use only for intended scope of application

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of non-hazardous substances.

- **Dangerous components:**

|           |         |                         |        |
|-----------|---------|-------------------------|--------|
| 6606-59-3 | HEDMA   | Xi, N; R 36/37/38-51/53 | 5-10%  |
| 1565-94-2 | BIS-GMA | Xi; R 36/38             | 2.5-5% |

## 4 First aid measures

- **After inhalation:** Seek medical treatment.
- **After skin contact:** Immediately wash with water and soap and rinse thoroughly.
- **After eye contact:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.
- **After swallowing:** If symptoms persist consult doctor.

## 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Protective equipment:** No special measures required.

## 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** No special measures required.

(Contd. on page 2)

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(Contd. of page 1)

- **Measures for cleaning/collecting:** Pick up mechanically.

## 7 Handling and storage

- **Handling:**
- **Information for safe handling:** For dental use only.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:**  
Keep container tightly sealed.  
See storage instructions on package

## 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
  - **Ingredients with limit 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 valid during the making were used as basis.
  - **Personal protective equipment:**
  - **General protective and hygienic measures:**  
Keep away from foodstuffs, beverages and feed.  
Wash hands before breaks and at the end of work.  
Avoid contact with the eyes and skin.
  - **Respiratory protection:** Not required.
  - **Protection of hands:**
- 

Protective gloves
- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
  - **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.

## 9 Physical and chemical properties

### · General Information

|                |                                    |
|----------------|------------------------------------|
| <b>Form:</b>   | Pasty                              |
| <b>Colour:</b> | According to product specification |
| <b>Odour:</b>  | Characteristic                     |

### · Change in condition

**Melting point/Melting range:** Undetermined.  
**Boiling point/Boiling range:** Undetermined.

· **Flash point:** Not applicable.

(Contd. on page 3)

AUS

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(Contd. of page 2)

- |  |   |
|--|---|
| · <b>Ignition temperature:</b>                   | 370°C   |
| · <b>Self-igniting:</b>                          | Product is not selfigniting.                  |
| · <b>Danger of explosion:</b>                    | Product does not present an explosion hazard. |
| · <b>Density:</b>                                | Not determined.                               |
| · <b>Solubility in / Miscibility with water:</b> | Not miscible or difficult to mix.             |

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.

## 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version.

## 12 Ecological information

- **Additional ecological information:**
- **General notes:** Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water

## 13 Disposal considerations

- **Product:**
- **Recommendation**  
Must not be disposed together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

- |  |
|--|
| · <b>Land transport ADR/RID (cross-border)</b> |
| · <b>ADR/RID class:</b> -                      |
| · <b>Maritime transport IMDG:</b>              |
| · <b>IMDG Class:</b> -                         |
| · <b>Marine pollutant:</b> No                  |

(Contd. on page 4)

AUS

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(Contd. of page 3)

- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

**15 Regulatory information**

- **Australian Inventory of Chemical Substances**

All ingredients are listed.

- **Labelling according to EU guidelines:**

The substance is not subject to classification according to EU lists and other sources of literature known to us.

Observe the general safety regulations when handling chemicals.

- **Safety phrases:**

28 After contact with skin, wash immediately with plenty of water.

**16 Other information**

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

- **Department issuing MSDS:** Scientific department
- **Contact:** Tel.: +49 (0)4721-719-0

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