

# Material Safety Data Sheet

according Directive 1907/2006 EEC

**Important:** Read this MSDS before handling and disposing of this product and pass this information on to employees, customers and users of this product.

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

- 1.1. **Product Name:** Beautifil Flow Plus
- 1.2. **Company:**  
Shofu Dental GmbH  
Am Brüll 17  
D-40878 Ratingen  
Phone No. +49 [0] 2102/8664-0 Fax-No. +49 [0] 2102/8664-65  
[info@shofu.de](mailto:info@shofu.de)
- 1.3. **Emergency Phone No.**  
+49 [0] 2102/8664-20

## 2. Hazard identification

- 2.1 **For the user:**  
**Inhalation:**  
**Contact with skin:** Irritation  
**Contact with eyes:** Irritation  
**Ingestion:**
- 2.2 **Environmental hazard:** n/a
- 2.3 **Carinogenicity:** n/a
- 2.4 **Hazard designation:**

## 3. Composition/information on ingredients

Compositions given are typical values, not specifications.

| 3.1 <b>Ingredients</b>           | <b>Einecs no.</b> | <b>% weight</b> | <b>Symbol</b> | <b>risk-phrases</b> | <b>CAS-No.</b> |
|----------------------------------|-------------------|-----------------|---------------|---------------------|----------------|
| Triethylenglycol dimethacrylate  |                   | 12 - 14         |               |                     | 109-16-0       |
| BisGMA                           |                   | 15- 25          |               |                     | 1565-94-2      |
| Aluminofluoro-borosilicate glass |                   | 50 - 60         |               |                     | 65997-18-4     |
| AL2O3                            |                   | 1 - 2           |               |                     | 1344-28-1      |
| DL-Camphorquinone                |                   |                 |               |                     | 10373-78-1     |
| others                           |                   |                 |               |                     |                |

## 4. First aid measures

- 4.1. **Inhalation:**
- 4.2. **Skin contact:** Wash immediately with plenty of water and soap.  
Seek medical advice if necessary.
- 4.3. **Eye contact:** Rinse immediately with plenty of water and seek medical advice.
- 4.4. **Ingestion:** Rinse mouth. Seek medical advice.

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## 5. Fire-fighting measures

- 5.1. **Extinguisher method:** Powder, alcohol-resistant foam, Carbon dioxide
- 5.2. **Not useful method:** N/A  
In case of fire, do not breath fumes and gases.
- 5.3. **Special exposure hazards arising:** Irritation gases and fumes may emit.
- 5.4. **Special protective equipment:** Fire protective cloth and self-contained breathing apparatus.

## 6. Accidental release measures

- 6.1. **Personal precautions:**
- 6.2. **Methods for cleaning up** Wipe up and discard in a suitable container.

## 7. Handling and storage

- 7.1. **Handling:** Avoid inhalation of grindings and prolonged skin contact with uncured resin.  
necessary.
- 7.1.1. **Precautions for safe handling:**
- 7.2. **Storage:** Store in a cool and dark area.  
Keep re Fridgerated when not in use.
- 7.2.1. **Precautions for storage rooms:**
- 7.2.2. **Storage of incompatible materials:**
- 7.2.3. **Special storage conditions:**

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## 8. Exposure controls/personal protection

| 8.1. | Exposure limits:        | CAS.No                  | ACGIH TLV |
|------|-------------------------|-------------------------|-----------|
| 8.2. | Respiratory protection: |                         |           |
| 8.3. | Hand protection:        | Latex and rubber gloves |           |
| 8.4. | Eye protection:         | Safety goggles          |           |
| 8.5. | Skin protection:        |                         |           |

## 9. Physical and chemical properties:

|       |                   |       |                  |         |           |       |
|-------|-------------------|-------|------------------|---------|-----------|-------|
| 9.1.  | Appearance        | paste | Colour           | colored | Odour:    | sweet |
| 9.2.  | PH:               |       |                  |         |           |       |
| 9.3.  | Boiling point:    |       |                  |         |           |       |
| 9.4.  | Melting point     |       |                  |         |           |       |
| 9.5.  | Flash point       |       |                  |         |           |       |
| 9.6.  | Explosion limits: |       | Lower:           |         | Upper:    |       |
| 9.7.  | Relative density: |       | 1,8              |         | (water=1) |       |
| 9.8.  | Vapour density:   |       |                  |         |           |       |
| 9.9.  | Solubility:       |       | Water solubility |         | insoluble |       |
| 9.10. | Viscosity:        |       |                  |         |           |       |
| 9.11. | Others:           |       |                  |         |           |       |

## 10. Stability and reactivity:

**Conditions to avoid:** Visible light on liquid

**Materials to avoid:** Strong oxidizing materials.

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## 11. Toxicological information:

### 11.1. Acute Toxicity:

#### 11.1.1. Inhalation:

#### 11.1.2. Skin / Eye contact:

### 11.2. Chronic effects:

#### 11.2.1.

#### 11.2.2.

#### 11.2.3.

#### 11.2.4.

#### 11.2.5.

## 12. Ecological information:

The product should not be allowed to drain into sewers.

## 13. Disposal considerations:

13.1. **Material:** Dispose in accordance with local, state and federal regulations.

13.2. **Packaging:**

## 14. Transport information:

## 15. Regulatory information:

## 16. Other information:

Handling of this product exclusively by dental specialists according to instructions for use.

N/A: Not applicable

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Some of the information presented and conclusions drawn herein are from sources other than direct test-data on the product itself.

The contents and format of this MSDS are in accordance with EEC Commission Directive 1907/2006 /EEC.

## **Disclaimer of Liability**

The information in this MSDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness.

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