

# Material Safety Data Sheet

according Directive 91/155 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
- 1.2. **Company:**  
Shofu Dental GmbH  
Am Brüll 17  
40878 Ratingen  
Phone No. +49 (0) 21 02 / 86 64 -0 Fax-No. +49 (0) 21 02 / 86 64 -64
- 1.3. **Emergency Phone No.**  
+49 (0) 21 02 / 86 64 -20

## 2. Composition/information on ingredients

Compositions given are typical values, not specifications.

2.1. <b>Ingredients</b>	<b>Einecs no.</b>	<b>% weight</b>	<b>Symbol</b>	<b>risk-phrases</b>	<b>CAS-No.</b>
Bis-GMA		20~30			
Triethylenglycol Dimethacrylate		5~8			
Aluminofluoro-Borosilicate Glass		40~50			
Al <sub>2</sub> O <sub>3</sub>		3~7			
DL-Camphorquinone					
others					

Hazardous ingredients are not included

## 3. Hazard identification

- 3.1. **For the user:** Contact may cause irritation to skin and eyes
- 3.2. **Environmental hazard:**

## 4. First aid measures

- 4.1. **Inhalation:**
- 4.2. **Skin contact:** Wash with water and mild soap  
Seek medical advice if necessary
- 4.3. **Eye contact:** Flash with flowing water and consult physician if necessary
- 4.4. **Ingestion:** Consult physician if necessary

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## 5. Fire-fighting measures

- 5.1. Extinguisher method: foam, CO<sub>2</sub>, dry chemical
- 5.2. Not useful method:
- 5.3. Special equipment for fire-fighting: Wear fire protective cloth and self-contained breathing apparatus if necessary. In case of fire do not breath fumes and gases. (Irritation gases and fumes may emit)

## 6. Accidental release measures

- 6.1. Personal precautions: N/A
- 6.2. Environmental precautions: Dispose according to local, state and federal regulations
- 6.3. 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
- 7.1.1. Precautions for safe handling:
- 7.2. Storage: Store in a cool and dark area  
Keep refridgerated 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 controls:

#### 8.1.1. MAK:

8.2. Respiratory protection: Not required (use dust mask while grinding or finishing)

8.3. Hand protection: Protective gloves (latex or rubber)

8.4. Eye protection: Safety goggles (may be required)

8.5. Skin protection: Not required

## 9. Physical and chemical properties:

9.1. Appearance paste                      Colour colored                      Odour: sweet

9.2. PH:

9.3. Boiling point: N/A

9.4. Melting point N/D

9.5. Flash point N/A

9.6. Explosion limits: Lower: Upper:

9.7. Relative density: 1.6 (water=1)

9.8. Vapour pressure: N/A

9.9. Solubility: insoluble

9.10. Viscosity:

9.11. Others:

## 10. Stability and reactivity:

10.1. Conditions to avoid: Visible light on liquid

10.2. Materials to avoid: Strong oxidizing materials

10.3. Hazardous decomposition products: Will not occur

10.4.. Others:

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## 11. Toxicological information:

### 11.1. Acute Toxicity:

#### 11.1.1 Ingestion:

#### 11.1.2 Inhalation:

#### 11.1.3 Skin contact:

#### 11.1.4 Eye contact:

### 11.2. Chronic effects:

#### 11.2.1

#### 11.2.2

#### 11.2.3

#### 11.2.4

#### 11.2.5

## 12. Ecological information:

## 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 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 91/155 /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.

The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge.

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