

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 II
- 1.2. **Company:**
 Shofu Dental GmbH
 Am Brüll 17
 40878 Ratingen
 Phone No. +49(0)2102/8664-0 Fax-No. +49(0)2102/8664-64
- 1.3. **Emergency Phone No.**
 +49(0)2102/8664-20

2. Composition/information on ingredients

Compositions given are typical values, not specifications.

2.1. Ingredients	Einecs no.	% weight	Symbol	risk-phrases	CAS-No.
Bis-GMA		7.5			
Triethylenglycol Dimethacrylate		<5			
Aluminofluoro-Borosilicate Glass		70			
Al ₂ O ₃					
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 immediately with plenty of water and mild soap
- 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 ₂ , 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
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 refrigerated when not in use
7.2.1.	Precautions for storage rooms:	
7.2.2.	Storage of incompatible materials:	
7.2.3.	Special storage conditions:	Do not expose to sunlight or heat

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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
- 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: 2.25 (water=1)
- 9.8. Vapour density:
- 9.9. Solubility: water 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 conditions:	
13.1. Material:	Dispose in accordance with local, state and federal regulations
13.2. Packaging:	
14. Transport information:	
N/A	
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.

For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

This MSDS was prepared and is to be used only for this product. If the product is used as a component in another product, this MSDS information may not be applicable.