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 Opaquer

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

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 1565-94-2 Triethylenglycol Dimethacrylate 109-16-0 Aluminofluoro-Borosilicate Glass ≒ 50 65997-18-4 Al_2O_3 ≒ 5 1344-28-1

Others

3. Hazard identification

3.1. Rout of entry Inhalation: N/A Skin: may be Ingestion: may be

3.2. Health Hazard (Acute, Chronic) May cause irritation to skin and eyes.

3.3. Carcinogenicity N/A

4. First aid measures

4.1. Inhalation:

4.2. Skin contact: Wash mild soap and water.

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 exposure hazard arising:	In case of fire, do not breath fumes and gases. (Irritation gases and fumes may emit.)
5.4.	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:	Don't release material or contaminated water into drains, soil or surface water.
6.3.	Methods for cleaning up	Wipe up and discard in a suitable container.
7.	Handling and storage	
7.1.	Handling:	Provide adequate ventilation. 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 and well ventilated place, (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:	

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8.	Exposure controls/personal	protection		
	CAS-No.	OEL (OSHA I	PEL)	ACGIH
8.1.	Exposure limits:	`	•	
	Al ₂ O ₃ 1344-28-1	TWA 15mg/m	n ³ , total dust	TLV-TWA 10mg/m ³ , total dust
		TWA 5mg/m ³	respirable fra	racti
8.2.	Respiratory protection:	Not required (use dust mask and local exhaust while grinding or finishing)		
8.3.	Hand protection:	Latex or rubbe	er gloves	
8.4.	Eye protection:	Safety goggle	Safety goggles or face shield (may be required)	
8.5.	Skin protection:	Not required.	ot required. General protctive overalls.	
8,6.	General protection	Eye wash fou	ntain	
9.	Physical and chemical properties:			
9.1.	Appearance paste (soft solid)	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 density:			
9.9.	Solubility:	water solubility: insoluble		
9.10.	Viscosity:			
9.11.	Others:			
10.	Stability and reactivity:			
10.1.	Conditions to avoid:		Visible light	t on paste
10.2.	Materials to avoid:		Oxidizing m	naterials, strong acids
10.3.	Hazardous decomposition product	s:	Will not occ	cur
10.4	Others:			
10.4	Others:			

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11.	Toxicological information:	
11.1.	Acute Toxicity:	
11.1.	Acute Toxicity.	
11.1.1.	Ingestion:	
11.1.2.	Inhalation:	
11.1.3.		
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:	
		Not regulated
15.	Regulatory information:	
16.	Other information:	
10.	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 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.