

MATERIAL SAFETY DATA SHEET

1. Identification of the Product and the Company

1.1 Product Name:

BeutiBond

1.2 Company /Undertaking identification

Manufacturer's Name: SHOFU INC.

Address: 11-Kamitakamatsu-Chō Fukunine Higashiyama ku Kyoto 605 ,JAPAN

Phone Number for Information: 81-75-561-1112

Signature of Preparer:

Date Prepared: 2008.10. 01

1.3 Emergency Telephone Number

81-75-561-1112

2. Composition/Information on Ingredients

Composition	Cas no.	%	Hazard type
Acetone	67-64-1	<50	F .Xi
BisGMA	1565-94-2	<20	
4MET	68183-31-3	<10	
TEGDMA	109-16-0	<5	
6MHPAc	141451-39-0	<5	
Pure water			
Others			

3. Hazardous Identification

3.1 Route of Entry: Inhalation: Possible Skin: Possible Ingestion: Possible

3.2 Health Hazard(Acute and Chronic)

Inhalation: Sore throat. Cough. Confusion. Headache. Dizziness.

Drowsiness. Nausea. Weakness.

skin: Dry skin.

Eyes: Redness. Pain. Blurred vision. Possible corneal damage.

Ingestion: Nausea. Vomiting (Further see Inhalation)

3.3 Carcinogenicity

N/A

3.4 Hazard Designation:

Highly Flammable preparation. Symbol is F
Vapour/air mixture are explosive.

4. First Aid Measures

4.1 Eye contact : First rinse with plenty of water for several minutes, then take to a doctor

4.2 Skin contact : Wash immediately with soap and plenty of water.

4.3 Ingestion : Rinse mouth. Refer for medical attention.

4.4 Inhalation : Fresh air, rest. Refer for medical attention.

5. Fire-fighting Measures

5.1 Suitable Extinguishing Media:

Powder, alcohol-resistsnt foam, Carbon dioxide.

5.2 Extinguishing Media Should not be used :

5.3 Special Exposure Hazards Arising:

Irritation gases and fumes may emit.

5.4 Special Protective Equipment:

Wear fire protective cloth and self-contained breathing apparatus if necessary.

MATERIAL SAFETY DATA SHEET

6. Accidental Release Measures

- 6.1 Personal Precautions:* See section 8.
- 6.2 Environmental Precautions:* Send to approved treatment/disposal company or 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:* Handle in a well ventilated place. Wear protective gloves, safety spectacles or face shield. (If necessary wear self-contained breathing apparatus.)
Keep away from naked flames, sparks and sources of heat. No smoking.
- 7.2 Storage:* Store in a cool and dark fire proof area with container tightly closed.
Separated from strong oxidants. (Keep refrigerated when not in use.)

8. Exposure Controls/Personal Protection

- 8.1 Exposure limits:* ACGIH TLV.
Aceton [Cas No.67-64-1] 500ppm(TWA);750ppm(STEL)A4
- 8.2 Respiratory Protection:* Ventilation. Local exhaust.
- 8.3 Hand Protection:* Latex or rubber gloves
- 8.4 Eye Protection:* Safety spectacles
- 8.5 Skin Protection:* Not required (General working clothes.)

9. Physical And Chemical Properties

- 9.1 Appearance/Odour/pH* Pale yellow liquid with characteristic odor.
- 9.2 Boiling Point/Boiling Range:* N/A
- 9.3 Melting Point/Melting Range:* N/A
- 9.4 Flash point:* -15.0 °C(closed)
- 9.5 Auto flammability:* N/D
- 9.6 Explosive Properties:*
- 9.7 Oxidizing Properties:*
- 9.8 Vapour Pressure:* N/A
- 9.9 Relative Density:* 0.936 (water=1)
- 9.10 Solubility: water solubility* miscible

10. Stability And Reactivity

- 10.1 Condition to Avoid:* Visible light on liquid.
Avoid excess heat, flame and other source of ignition.
Separated from strong oxidants.
- 10.2 Materials to Avoid:* Strong oxidizing materials

11. Toxicological Information

- Effects of short-term exposure
Inhalation of the vapor may cause headache and dizziness.
- Effects of long-term or repeated exposure
Repeated or prolonged contact with skin may cause dermatitis.

12. Ecological Information

- The product should not be allowed to drain into sewers.

MATERIAL SAFETY DATA SHEET

13. Disposal Conditions

Disposal in accordance with federal, state and local regulations.

14. Transport Information

UN Hazard Class:3/UN Packing Group: II
UN NO.1090 (as Aceton)

15. Regulatory Information

16. Other Information

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