

SAFETY DATA SHEET

1. Identification of the substance or mixture and of the supplier

1.1 Product Name:

BEAUTIFIL Flow Plus

1.2 Company /Undertaking identification

Manufacturer's Name: **SHOFU INC.**

Address: 11 Kamitakamatsu-cho, Fukuine, Higashiyama-ku, Kyoto 605-0983 ,JAPAN

Phone: +81-75-561-1112

Fax: +81-75-275-4795

Section in Charge: Quality Assurance Section

Date Prepared: 2014.9.16

1.3 Emergency Telephone Number

+81-75-561-1112

2. Hazardous identification

GHS CLASSIFICATION

| | | |
|----------------------|---|----------------|
| PHYSICAL HAZARDS | FLAMMABLE LIQUIDS | Not Classified |
| | PYROPHORIC LIQUIDS | Not Classified |
| | SELF-HEATING SUBSTANCES AND MIXTURES | Not Classified |
| HEALTH HAZARDS | ACUTE TOXICITY-ORAL | Not Classified |
| | SKIN CORROSION/IRRITATION | Not Classified |
| | EYE DAMAGE/IRRITATION | Not Classified |
| | SENSITIZATION-SKIN | Not Classified |
| ENVIRONMENTAL HAZARD | HAZARDOUS TO THE AQUATIC ENVIRONMENT-ACUTE HAZARD | Not Classified |
| | HAZARDOUS TO THE AQUATIC ENVIRONMENT-CHRONIC HAZARD | Not Classified |
| | | |
| | | |

The thing without mention is out of a classification object. Or cannot classify it.

LABEL ELEMENTS

SYMBOL —

SIGNAL WORD —

HAZARD STATEMENTS —

PRECAUTIONARY STATEMENTS

[Prevention]

Obtain special instruction before use.

Do not handle until all safety precautions have been read and understood.

[Response]

Get medical advice/attention if you feel unwell.

[Storage]

Store in a cool and dark area.(Keep refrigerated when not in use)

[Disposal]

Dispose of contents and container in accordance with regulation.

3. Composition/information on ingredients

| Composition | % |
|----------------------------|-------|
| Bis-GMA [Cas No.1565-94-2] | 15~25 |

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| | |
|--|-------|
| Triethylenglycol dimethacrylate [Cas No.109-16-0] | 12~14 |
| Aluminofluoro-borosilicate glass [Cas No.65997-18-4] | 50~60 |
| Al ₂ O ₃ [Cas No.1344-28-1] | 1~2 |
| DL-Camphorquinone [10373-78-1] | |
| Others | |
| Hazardous ingredients are not include. | |

4. First-aid measures

- 4.1 Eye contact :** Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. If eye irritation persists, get medical advice/attention.
- 4.2 Skin contact :** Wash with plenty of soap and water. If on skin, skin irritation, get medical advice/attention.
- 4.3 Ingestion :** Rinse mouth. If you feel un-well, get medical advice/attention.
- 4.4 Inhalation :** Remove victim to fresh air and keep at rest in a position comfortable for breathing. If symptom concerning breath gose out, call a POISON CENTER to doctor.

5. Fire-fighting measures

- 5.1 Suitable Extinguishing Media:** CO₂, Dry chemical, Foam
- 5.2 Extinguishing Media Should not be used :** N/A
- 5.3 Special Exposure Hazards Arising:** In case of fire, do not breath fumes and gases. (Irritation gases and fumes may emit.)
- 5.4 Special Protective Equipment:** 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.
- 7.2 Storage:** Store in a cool and dark area.(Keep refrigerated when not in use)

8. Exposure controls/personal protection

- 8.1 Respiratory Protection:** Not required.(Use dust mask while grinding or finishing.)
- 8.2 Hand Protection:** Latex or rubber gloves
- 8.3 Eye Protection:** Safety goggles (May be required)
- 8.4 Skin Protection:** Not required.

9. Physical and chemical properties

- 9.1 Appearance/Odour/pH** Colored putty-like paste with sweet odor
- 9.2 Boiling Point/Boiling Range:** N/D
- 9.3 Melting Point/Melting Range:** N/D
- 9.4 Flash point:** N/D
- 9.5 Auto flammability:** N/D
- 9.6 Explosive Properties:** N/D
- 9.7 Oxidizing Properties:** N/D
- 9.8 Vapour Pressure:** N/D

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9.9 *Relative Density:* $\hat{=}$ 1.8 (water=1)
 9.10 *Solubility: water solubility* Insoluble

10. Stability and reactivity

10.1 *Stability:* Stable under the normal condition.
 10.2 *Reactivity:* Polymerization will occur with heat, light.
 10.3 *Condition to avoid:* Visible light and high-temperature
 Keep away from source of ignition.(-electric discharge and smoking etc.)
 10.4 *Materials to avoid:* Strong oxidizing materials

11. Toxicological information

No information

12. Ecological information

No information

13. Disposal considerations

Dispose of contents/container to in accordance with local/regional/national/international regulations (to be specified).

14. Transport information

Airline restriction information ; It doesn't correspond.
 UN No. ; It doesn't correspond.
 Sea restriction information ; It doesn't correspond.
 UN No. ; It doesn't correspond.

15. Regulatory information

Follow all regulations in your country.

16. Other information

This product is intended for use by dental professionals. (instrument/material)