

Safety Data Sheet

1. PRODUCT AND MANUFACTURER INFORMATION

A. Product Name DiaFil Bulk Flow

B. Recommended use of the product and restrictions on its use

- Recommend use of the product Tooth shade resin material

- Restrictions on use of the product **For Dental Professional Use Only**

C. Supplier Information

(For imported goods, enter the information of the domestic supplier that can be contacted urgently)

- Name of Company DiaDent Group International

- Address 16, Osongsaengmyeong 4-ro, Osong-Eup, Heungdeok-Gu,
Cheongju-Si, Chungcheongbuk-Do,
Republic of Korea

- Emergency contact number 82-43-266-2315

D. Importer Information

- Name of Company **DiaDent Group International Inc.**

- Address **#380 - 8210 Ross Street
Vancouver, BC, Canada, V5X 0L1**

- Emergency contact number **1-604-451-8851**

- Email **Diadent@diadent.com**

2. HAZARDS IDENTIFICATION

A. Type of Hazard-Danger The material is contraindicated if a person is known to be allergic to any of the ingredients of the product.

B. Warning sign items including preventive action statements

- Pictorial symbol



- Signal words Danger(GHS07)

2. HAZARDS IDENTIFICATION

- Hazard Statement	H317 May cause an allergic skin reaction
	H335 May cause respiratory irritation
	H413 May cause long-lasting harmful effects to aquatic life
- Precautionary statements	P273 Do not release to the environment
- Disposal	P501 Dispose of contents container

3. COMPOSITION/INFORMATION ON INGREDIENT

Names of ingredients	Synonym	CAS No.	Content (%)
Urethane methacrylate	-	1314-13-2	5 ~ 10
Ethoxylated bisphenol A dimethacrylate	-	41637-38-1	15 ~ 25
Triethyleneglycol dimethacrylate	-	109-16-0	1 ~ 5
Silicon Oxide	-	7631-86-9	1 ~ 2
Camphorquinone	-	10373-78-1	0.01 ~ 0.2

4. FIRST AID MEASURES

A. When entered into eyes	Remove contact lenses and wash with plenty of water. If symptoms persist, seek medical attention. In case of contact with substance, immediately wash skin and eyes with running water for more than 20 minutes.
B. When contacted with skin	Wash the skin with soap and water.
C. When inhaled	Move to a place with fresh air. If you are not feeling well, consult a doctor.
D. When consumed	Rinse your mouth and get medical attention if you are not feeling well.
E. Other medical precautions	Have medical personnel perceive the material and take protective measures.

5. FIRE FIGHTING MEASURES

A. a suitable (improper) extinguishing agent	CO ₂ Powder or water spray
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B. specific hazards arising from chemicals	May generate irritating, toxic gas in case of fire.
C. Special protective actions for fire-fighters	Rescuers must wear appropriate protective equipment.

6. ACIDENTAL RELEASE MEASURES

Use an absorbent material to wipe clean.

7. HANDLING AND STORAGE

	Use for only professional personnel.
	Use sanitary gloves and tools at the place of treatment.
Safe handling and storage	Do not consume or inhale the product.
	Store at 2~27°C/35~80 °F
	Avoid direct sunlight.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

A. Appropriate engineering management	If dust, fumes or mists are generated, ventilate to keep air contamination below exposure limits.
B. Personal protective equipment	Wear the usual precautions used to handle chemicals. Wear goggles.

9. PHYSICAL/CHEMICAL PROPERTIES

A. External	
- Composition	Paste
- Color	Ivory
B. Odor	Mild acrylic odor
C. Odor Threshold	No data
D. pH	No data
E. Melting point / Freezing point	No data
F. Initial boiling point and boiling point range	No data
G. Flash point	No data

9. PHYSICAL/CHEMICAL PROPERTIES

H. Evaporation rate	No data
I. Flammability (solid, gas)	No data
J. Upper / lower limit of ignition or explosion	No data
K. Vapor pressure	No data
L. Solubility	No data
M. Vapor density	No data
N. Specific gravity	No data
O. n-octanol / water partition coefficient	No data
P. Natural ignition temperature	No data
Q. Decomposition temperature	No data
R. Viscosity	No data
S. Molecular Weight	No data

10. STABILITY AND REACTIVITY

A. Chemical Stability and Possibility of Hazardous Reaction	Not applicable
B. Conditions to avoid	Avoid direct moisture contact.

11. TOXICOLOGICAL INFORMATION

A. Acute toxicity	No significant clinical signs was observed.(mice)
B. Oral mucosa irritation	No significant clinical signs was observed.(hamster)
C. Skin sensitization	No significant clinical signs was observed.(Guinea pig)
D. Reverse mutation	No significant clinical signs was observed(hamster)
E. Mammalian chromosomal aberration	No significant clinical signs was observed
F. In vivo micronucleus	No significant clinical signs was observed.

12. ECOLOGICAL INFORMATION

No ecological problems to be anticipated if properly handled and used.

13. DISPOSAL CONSIDERATION

A. Disposal methods	Dispose of contents and container (in accordance with applicable regulations).
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14. TRANSPORT INFORMATION

A. UN No. DOT, ADR, IMDG, IATA	Not a regulated substance.
B. Proper shipment name DOT, ADR, IMDG, IATA	Not a regulated substance.
C. Risk level in transportation DOT, ADR, IMDG, IATA	Not a regulated substance.
D. Container level DOT, ADR, IMDG, IATA	Not a regulated substance.
E. Marine pollutants	Not applicable.
F. Special safety measures required or required by the user to know regarding transport or means of transport	Protect from water. Product is not classified as a dangerous good transportation or means of transportation for transport.

15. REGULATORY INFORMATION

- This product is classified as a medical device by the Korea Food and Drug Administration (KFDA).
- This product does not require classification as Dangerous Goods.

16. OTHER INFORMATION

The above mentioned data correspond to our present state of knowledge and experience. The safety data sheet serves as description of the products in regard to necessary safety measures. The indications do not have the meaning of guarantees on properties.

A. Date of initial preparation	Nov. 04, 2025
B. Number of revisions and date of final revision	
- Number of revisions	0
- Date of final revision	Nov. 04, 2025

16. OTHER INFORMATION

C. Others

Not applicable.

- ☐ The information and recommendations are taken from sources (raw material SDS(s) and manufacturer's knowledge) believed to be accurate and reliable. It is intended to describe the product according to various safety requirements; however, the manufacturer makes no warranty with respect to the accuracy and completeness of the information or the suitability of the recommendation and assumes no liability to any user thereof.