



Safety Data Sheet

-Nexcomp Flow-

METABIOMED.CO.,LTD

1. Identification of the substance/preparation and of the company/undertaking

- **Product name** : Nexcomp Flow

- **Supplier** : METABIOMED.CO., LTD.
Head Office & Osong Factory) 270, Osongsaengmyeong1-ro, Osong-eup,
Heungdeok-gu, Cheongju-si, Chungcheongbuk-do, Korea
Cheongju Factory) 136, Mochung-ro, Seowon-gu, Cheongju-si,
Chungcheongbuk-do, Korea

Tel : (82-43) 216-0433, 0434
Fax : (82-43) 216-0438

2. Composition/information on ingredients

Information on ingredients

Chemical name	CAS No.	w/w %	EC Number	Symbol	R-Phrases
Bisphenol A Glycerolate dimethacrylate	1565-94-2	1-10	-	Xi	R36/37/38
Urethane Dimethacrylate	72869-86-4	1-5	-	-	-
Ethoxylate bisphenol A dimethacrylate	41637-38-1	<30	-	Xi	R36/37/38-43
Triethyleneglycol dimethacrylate	109-16-0	1-5	-	Xi	R36/37/38
Trimetholtrimethacrylate	3290-92-4	<1	-	Xi	R36/37/38
Glycerol diemthacrylate	1830-78-0	<1	-	Xi	R36/37/38
Barium aluminium boro silicate		<60	-	-	-

3. Hazards identification

- **Physical/chemical hazards** : May cause allergic skin reaction

- **Human health hazards** : Not known to cause significant health problems. Considered a nuisance dust. Avoid inhalation and keep dust out of the eyes.

- **Environmental hazards** : None

4. First aids measures

- **Inhalation** : If inhaled, remove to fresh air. If not breathing give artificial respiration. If breathing is difficult, give oxygen.

- **Ingestion** : Do not induce vomiting. Material is chemically inert.

- **Skin contact** : In case of contact. Immediately wash skin with water and soap.

- **Eye contact** : If scratches or punctures occur, seek medical attention immediately.



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5. Fire fighting measures

Extinguishing media

- Suitable : Water, Foam, Carbon Dioxide, Dry Chemical
- Not suitable : N/A
- Special fire fighting procedures : Self contained breathing apparatus to prevent smoke inhalation.
- Unusable fire/explosion hazards : None
- Hazardous thermal (de)composition products : Burning may produce :Carbon Monoxide, Carbon Dioxide
- Protection of fire fighters : Use breathing apparatus (self-contained breathing apparatus with full face shield). Wear suitable protective clothing

6. Accidental release measures

- Personal precautions : Wear protective clothing
- Environmental precautions : None
- Methods for cleaning up : Ventilate area of fresh air.

7. Handling and storage

- Handling : Always wear gloves and eye protection. Product is intended for dental use only.
- Storage : Keep out of reach of children. Protect from exposure to direct sun light. Keep container closed. Store in cool place.

8. Exposure controls/personal protection

- Precautions for use : Wash hands before breaks and after work.
- Respiratory protection : None required during normal intended use of this product
- Skin and body : Wear suitable protective clothing.
- Hands : Wear suitable gloves.
- Eyes : With sufficient extraction or closed system; safety goggles.

9. Physical and chemical properties

- | | | | |
|------------------|-------------------------|----------------------------|-------------------------|
| - Physical state | : Paste | - Solubility in water | : Insoluble |
| - Color | : Tooth color | - Density | : 1.5 g/cm ³ |
| - Odor | : Slightly acrylic odor | - Flash point | : Not-regulated |
| - Boiling point | : Decomposes | - Autoignition temperature | : N/A |



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- Melting point	: N/A	- Lower explosion limit	: N/A
- Vapor pressure	: N/A	- Upper explosion limit	: N/A
- Specific gravity(H ₂ O=1)	: 1.5	- Viscosity	: N/A

10. Stability and reactivity

- Stability	: Stable
- Condition to avoid	: Do not heat
- Materials to avoid	: Not known
- Hazardous reactions	: May not accurate
- Hazardous decomposition products	: CO

11. Toxicological information

- Acute toxicity	: N/A
- Primary effects to skin	: May mildly irritate skin
- Primary effects to eyes	: May mildly irritate the eye
- Primary effects to respiratory system	: Not an acute inhalation hazard
- Sensitization	: Repeated or prolonged contact with the not polymerized may cause sensitization for methacrylates.
- Additional toxicological info	: N/A

12. Other information

The information contained in the Safety data sheet is correct to the best of our knowledge at the date of issue. It is intended as a guide for the safe use, handling, disposal, storage and transportation and is not intended as warranty or as a specification. The information relates only to the product specified and may not be suitable for combinations with other materials or in processes other than those specifically described herein.

Full text of the R-phases in section 2

R36/37/38-43 : Irritating to eyes, respiratory system and skin. May Cause sensitization by skin contact

HISTORY

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- Date previous issue	: 10-6-2015
- Date of issue	: 10-6-2015
- Prepared by	: META BIOMED CO., LTD.