

MATERIAL SAFETY DATA SHEET

This information sheet is in the format as devised for General Products under The General Product Safety Regulations 2005.

Company name: The GelBottle Inc

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Product name and/or Reference number: Builder Gel (Clear)

Information:

1. PRODUCT DESCRIPTION/GENERAL INFORMATION/COMPOSITION

CHEMICAL NAME	INCI NAME	CAS No.	EC No.	(%)
Polyurethane acrylate oligomer	Di-HEMA Trimethylhexyl Dicarbamate	41137-60-4/72869-86-4	276-957-5	63-67
Isobornyl Methacrylate	Isobornyl Methacrylate	7534-94-3	231-403-1	8-12
2-Hydroxyethyl Methacrylate	2-Hydroxyethyl Methacrylate	868-77-9	212-782-2	3-7
2-Hydroxypropyl Methacrylate	2-Hydroxypropyl Methacrylate	27813-02-1	248-666-3	3-8
Ethyl (2,4,6- trimethyl benzoyl) phenyl phosphinate	Ethyl (2,4,6- trimethyl benzoyl) phenyl phosphinate	84434-11-7	282-810-6	2-4
Acrylic acid	Acrylic acid	79-10-7	201-177- 9	0.1-0.5
Hydroxycyclohexyl Phenyl Ketone	Hydroxycyclohexyl Phenyl Ketone	947-19-3	213-426-9	0.1-10.5

Physical and Chemical Properties:

FORM	Liquid	MELTING POINT/ MELTING RANGE	No data	FLAMMABILITY (solid, gaseous)	No Data
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COLOR	Blue	BOILING POINT/ BOILING RANGE	No data	AUTO IGNITING	Not available
ODOR	Characteristic acrylic	FLASH POINT	100°C	DANGER OF EXPLOSION	Not available
pH	Not available	OXIDIZING PROPERTIES	Not available	EXPLOSION LIMITS: <small>L</small> lower <small>U</small> upper	Not available Not available
SPECIFIC GRAVITY	1.15	VAPOR PRESSURE	(mm Hg) @ 20° C <0.01	EVAPORATION RATE	Not available
SOLUBILITY IN WATER	Not soluble in water	VAPOR DENSITY	No data	VISCOSITY	No Data

2. CHEMICAL STABILITY AND REACTIVITY INFORMATION

Stability: Stable under normal conditions of storage and usage and nonreactive with low odor.

Hazardous polymerization: May occur and cause rapid evolution of heat and increased pressure that could result in a violent rupture of sealed storage vessels or containers.

Hazardous decomposition: Oxides of carbon, oxides of nitrogen, dimethylamine, and irritating organic vapors.

Incompatibility: Strong acids, bases, oxidizing agents and polymerization initiators including peroxides, copper, copper alloys, carbon steel, and iron rust.

Conditions to avoid: Heat, flames, sparks, and other sources of ignition. Do not heat above 26 degrees Celsius/78.8 degrees Fahrenheit.

3. HAZARD INFORMATION*

WARNING:

Harmful if swallowed, absorbed through the skin, or inhaled.

May cause allergic reaction.

Can cause irritation to eyes, skin, nasal, and respiratory tract passages.

Handling advice/precautions during use/exposure controls/personal protection

Ensure good ventilation.

Avoid contact with skin, eyes, and clothing.

Wash thoroughly after handling.

Do not breathe in the vapor or mist, and do not smoke.

Do not spray, heat, or consume.

Use impermeable gloves and protective clothing as necessary to avoid skin contact.

Goggles or eye protection are recommended during product refilling.

If the product needs to be warmed above room temperature for proper viscosity, it may be heated to a maximum of 60 degrees Celsius/140 degrees Fahrenheit for not more than 24 hours via a hot box or hot room set to that maximum temperature. Do not use localized heat sources or steam. Do not overheat, and refrain from multiple heating sessions.

4. STORAGE CONSIDERATIONS

Ensure good ventilation.

Keep ignition sources and flammable substances away.

Keep receptacles tightly sealed.

Avoid direct sunlight and high temperatures.

Store in a cool dry place at temperatures between 8-38 degrees Celsius/46.6-100.4 degrees Fahrenheit.

5. FIRST AID MEASURES

Inhalation: Breathe in fresh air deeply; if symptoms persist, seek medical assistance.

Skin contact: Immediately wash your skin with soap and water, rinsing thoroughly. Remove soiled clothing and wash before reuse. Seek medical assistance if symptoms persist.

Eye contact: Immediately flush eyes with cold water for at least 15 minutes. Seek urgent medical attention.

Ingestion: Seek medical help immediately, keep calm, and do not induce vomiting.

6. ACCIDENTAL RELEASE MEASURES (SPILLAGE, ETC.)

Environmental precautions: Remove potential sources of ignition, and increase ventilation. Prevent product from entering drains or open water.

Cleanup methods: Soak up with inert absorbent material, and dispose. Do not flush with water or aqueous cleansing agents.

7. RISK OF EXPLOSION AND IGNITION*

Flashpoint: 100 degrees Celsius/212 degrees Fahrenheit.

Extinguishing media: CO₂, sand, and extinguishing foam/powder. Do not use water.

Unusual fire or explosion hazards: Uncontrolled polymerization may occur at high temperatures, causing an explosion or rupture to storage containers

8. DISPOSAL INFORMATION

Not hazardous waste. Dispose of according to local government regulations.

9. TRANSPORTATION

No restrictions.

***Please note: Finished cosmetic products are exempt from hazard symbol-labeling requirement.**