

# MATERIAL SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION

Product Name: Builder Gel

Distributor Name: Bio Seaweed Gel Limited

Address: 151 Nashdene Rd Unit 51-52, Toronto ON, M1V 4B9 Canada

Contact: 1-877-428-8816 info@bioseaweedgel.com

MSDS Number: 610

## SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

COMPONENTS	CAS/INCI	%
Aliphatic Urethane Acrylate	NE	28
Aronmatic Urethane Acrylate	NE	65
Phenylbis(2,4,6-trimethylbenzoyl)phosphine oxide	162881-26-7	4
Isopropylthioxanthone	5495-84-1	3

## SECTION 3. HAZARDS IDENTIFICATION

This substance is considered to be non-hazardous for transport.

### EMERGENCY OVERVIEW

Physical state: Liquid

Health: 1\*

Color: Color

Odor: Light

Personal Protection: See Section 8

Warning: Harmful If Swallowed, Absorbed

Through Skin Or Inhaled.

Do Not Spray. Do Not Heat.

May Cause Allergic Skin Reaction.

Causes Eye, Skin and Respiratory Tract Irritation

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects

Skin contact: Contact skin will cause irritation.

Eye contact: Contact with eyes will cause irritation.

## SECTION 4. FIRST AID MEASURES

### Inhalation:

Remove to fresh air. If symptoms develop and persist, get medical attention.

### Skin contact:

Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and shoes. Wash clothing before reuse. Get immediate medical attention if symptoms occur.

### Eye contact:

Immediately flush eyes with plenty of water for at least 15 minutes. Get immediate medical attention.

### Ingestion:

Do not induce vomiting. Keep individual calm. Get medical attention immediately.

## SECTION 5. FIRE-FIGHTING MEASURES

Flash point: 105°C

Autoignition temperature: Not available

Flammable/Explosive limits-lower %: Not available

Flammable/Explosive limits-upper %: Not available

Extinguishing media: Foam, dry chemical or carbon dioxide.

Special fire fighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual fire or explosion hazards: Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers.

Hazardous combustion products: Oxides of carbon. Oxides of nitrogen. Irritating organic vapors. Toxic fumes.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Environmental precautions:

Remove sources of ignition. Prevent product from entering drains or open waters.

### Clean-up methods:

Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

## SECTION 7. HANDLING AND STORAGE

### Handling:

Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. DO NOT heat or spray. Use only with adequate ventilation. Refer to Section 8. Use only in area provided with appropriate exhaust ventilation.

### Storage:

For safe storage, store at or below 26°C (80°F). Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use. Incompatible products: Refer to Section 10

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Engineering controls:

Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

### Respiratory protection:

Use COSHA approved respirator if there is potential to exceed exposure limit(s). If this material is handled at elevated temperatures or under mist forming conditions, without engineering controls, a COSHA approved respirator must be used.

### Skin protection:

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

Neoprene gloves.

### Eye/face protection:

Safety goggles or safety glasses with side shields. In a splash hazard environment, chemical goggles should be used in combination with a full face shield.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid

Odor: light

Vapor pressure: Not available

pH: Not applicable

Boiling point/range: Greater than 93°C (200°F)

Melting point/range: Not available

Specific gravity: 1.10

Vapor density: Not available

Evaporation rate: Not available

Solubility in water: Slight

Partition coefficient (n-octanol/water):

Not available

VOC content: Total volatiles 0.80 %

SECTION 10. STABILITY AND REACTIVITY

Stability: Stable under normal conditions of storage and use.

Hazardous polymerization: May occur.

Hazardous decomposition products: Oxides of carbon. Oxides of nitrogen.

Irritating organic vapors.

Incompatibility: Strong acids. Strong oxidizing agents. Bases.

Conditions to avoid: Heat, flames, sparks and other sources of ignition. Do not heat above 26°C(80°C).

SECTION 11. TOXICOLOGICAL INFORMATION

Carcinogen Status

Hazardous Components	NTP Carcinogen	IARC Carcinogen	COSHA Carcinogen
Aliphatic Urethane Acrylate	NO	NO	NO
Aronmatic Urethane Acrylate	NO	NO	NO
Phenylbis(2,4,6-trimethylbenzoyl)phosphine oxide	NO	NO	NO
Isopropylthioxanthone	NO	NO	NO

Literature Referenced Target Organ & Other Health Effects

Hazardous components

Health Effects/Target Organs

Aliphatic Urethane Acrylate

No Records

Aronmatic Urethane Acrylate

No Records

Phenylbis(2,4,6-trimethylbenzoyl)phosphine oxide

No Records

Isopropylthioxanthone

No Records

SECTION 12. ECOLOGICAL INFORMATION

Ecological information: Not available

SECTION 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to local governmental regulations.

ECE hazardous waste number: Not a RCRA hazardous waste.

## SECTION 14. TRANSPORT INFORMATION

DOT: Non-Hazardous

For Transport: This Substance Is Considered To Be Non-Hazardous For Transport.

RID/ADR: Non-Hazardous

For Transport: This Substance Is Considered To Be Non-Hazardous For Transport.

Iata: Non-Hazardous For Air Transport

Imo: Non-Hazardous For Sea Transport

## SECTION 15. REGULATORY INFORMATION

EU Additional Classification: R36

Risk Statements: Irritating to eyes.

S 2 26

Safety Statements: Keep out of the reach of children. In case of contact with eyes, rinse immediately with plenty of water and seek medical.

## SECTION 16. OTHER INFORMATION

DISCLAIMER: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. We make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of the information for their particular purposes. In no way shall we be liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, howsoever arising from using the above information.