BIO SEAWEED GEL®
Healthier Nails, Healthier You

MATERIAL SAFETY DATA SHEET

SECTION 1. IDENTIFICATION

Product Name: BSG Dip Powder Colour

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: 636

SECTION 2. INGREDIENTS IDENTIFICATION INFORMATION

Chemical Name	Cas.No	Ec.No	INCI Name	Content
Poly Methyl Methacrylate	9011-14-7	201-297-1	Poly Methyl Methacrylate	>99%
Pigment	N/A	N/A	Pigment	0.1-1%

SECTION 3: HAZARDS IDENTIFICATION

Most Important Hazards	None	Environmental Effects	None
Adverse Human Health Effects	None	Physical and Chemical Hazards	None

SECTION 4: FIRST AID MEASURES

Inhalation	In case of gases evolving from melted resin, move subject to fresh air. Treat symptomatically.
Skin Contact	In case of pellets or powder, wash with water. In case of melt, wash affected skin area and clothing with plenty of (soap and) water. Seek medical advice.
Eye Contact	In case of pellets or powder, flush with plenty of water for at least 15 minutes. Seek medical advice if any dust particles still remain. In case of gases evolving from melted resin of high temperature, flush with plenty of water for at least 15 minutes. Seek medical advice if necessary.
Ingestion	Induce vomiting. Rinse mouth with water. Seek medical advice if necessary.

SECTION 5: FIRE FIGHTING MEASURES

Extinguishing Media	Water, Foam, Dry chemical powder
Special Fire-Fighting Procedure	Self contained breathing apparatus
Fire and Explosion Hazard	None

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions

Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas.

Environmental precautions

Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

SECTION 7: HANDLING AND STORAGE

Handling	Prevent from fire around handling area. Maintain good housekeeping standards to prevent accumulation of dust. To avoid dust explosion resulting from the existence of powder, electrostatics eliminators and grounding should be fixed to such equipment as air transferring pipes, bag filters and hoppers. Use electrically conductive filters for bag filters.
Storage	Keep the materials at a cool dry place. Protect from direct sunlight, rain and violent temperature fluctuation. Fire is inhibited around storage area.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Threshold Limit Value	Not determined
Ventilation	Necessary to exclude dust, fumes and gases.
Personal Protection eye	Wear safety glasses for general purpose. Wear chemical goggles
Respiratory	Wear masks for cleaning molding machines.
Gloves	Necessary for handling melted resin.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical form	Pellets	Solubility in water	Insoluble
Odor	None	Solubility (non aqueous)	Benzene, Acetone, Methyl Ethyl Ketone(MEK), and Chloroform, ... etc.
Odor threshold	Not Established		
PH	Not Applicable		
Boiling point	Not Applicable		
Melting/Freezing point	See Softening Point	Specific gravity	Approx. 1.19 kg/m3
Softening point	104 ~ 118°C (219 ~244°F)	Bulk density	Approx. 600-720 kg/m3

% Volatile by weight	Negligible	Vapor pressure	Negligible
Evaporation rate	Negligible (Butyl	Vapor density	Negligible (Air = 1)
acetate = 1)			

SECTION 10: STABILITY AND REACTIVITY

Stability	This is a stable material
Hazardous polymerization	Will not occur
Incompatibilities	None known
Instability conditions	None known
Decomposition temperature	Begins at approx. 260°C (500°F)
Decomposition products	By fire or thermal decomposition : carbon dioxide, Carbon monoxide, hydrocarbons, and some original monomers such as methyl methacrylate.

SECTION 11: TOXICOLOGICAL INFORMATION

Irritation	Fumes or vapors generated from decomposing resin may be irritant to eyes.
Acute oral toxicity (LD50)	Not determined
Mutagenicity	Not determined

SECTION 12: ECOLOGICAL INFORMATION

Ecological information: Not available

SECTION 13: DISPOSAL CONSIDERATIONS

Controlled incineration or landfill according to local, state or national laws and regulations concerning health and pollution.

Inadequate incineration may generate toxic gases such as CO and MMA.

SECTION 14: TRANSPORT INFORMATION

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: DOT, IATA, IMDG

SECTION 15: REGULATORY INFORMATION

methyl methacrylate homopolymer (CAS: 9011-14-7) is found on the following regulatory lists;

“Canada Domestic Substances List (DSL)”,”Canada Toxicological Index Service - Workplace Hazardous Materials Information System-

WHMIS (English)”,”Canada Toxicological Index Service - Workplace Hazardous Materials Information System - WHMIS

(French)”,”International Agency for Research on Cancer (IARC) - Agents Reviewed by the IARC Monographs”,”US DOE Temporary

Emergency Exposure Limits (TEELs)”,”US NFPA 499 Combustible Dusts”,”US Toxic Substances Control Act (TSCA) - Inventory”

SECTION 16: OTHER INFORMATION

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