

# MATERIAL SAFETY DATA SHEET

## SECTION 1. IDENTIFICATION

**Product Name:** 3STEP Colour Gel Polish Distributor

**Name:** Bio Seaweed Gel Limited

**Distributor Name:** Bio Seaweed Gel Limited

**Address:** 151 Nashdene Rd Unit 51-52, Toronto ON, M1V 4C3 Canada

**Contact:** info@bioseaweedgel.com

**Product Name:** BSG Chrome Powder Allure, Aura, Celestial and Divine.

**Product Codes:** 88327660026, 883276600019, 88327660033 and 883276600040

## SECTION 2. COMPOSITION/INFORMATION ON INGREDIENTS

### Allure Components:

| CHEMICAL NAME   | CAS NO.    | CI NO. | %     |
|-----------------|------------|--------|-------|
| Aluminium alloy | 7429-90-5  |        | 85-95 |
| Pigment white   | 91315-44-5 |        | 5-10  |

### Aura Components:

| CHEMICAL NAME        | CAS NO.    | CI NO. | %     |
|----------------------|------------|--------|-------|
| Flaked glass         | 65997-17-3 |        | 80-90 |
| Titanium Oxide(TiO2) | 13463-67-7 | 77891  | 10-20 |
| Tin Dioxide          | 18282-10-5 | 77891  | <1    |

### Celestial & Divine Components:

| CHEMICAL NAME  | CAS NO.    | CI NO. | %     |
|----------------|------------|--------|-------|
| Silica         | 60676-86-0 |        | 75-83 |
| Titanium Oxide | 12065-65-5 |        | 18-26 |

### SECTION 3. HAZARDS IDENTIFICATION

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

#### EMERGENCY OVERVIEW

**Classification:** NA

**Hazards:** NA

**Harmful:** Contact with chrome powders may cause temporary irritation on skin, eyes, throat or nose.

**Environmental Effect:** None known

### SECTION 4. FIRST AID MEASURES

#### Eye Contact:

Flush with clear water for at least 15 minutes— Get immediate medical attention.

#### Skin Contact:

Do not rub. Rinse contacted areas with room temperature to cool water, then wash gently with mild soap.

#### Inhalation:

Rinse out your mouth with water about 10 times. Also, blow your nose lightly. If itching or pain persists in your nose or throat, consult physician.

#### Swallowing:

First induce vomiting to get rid of it. Then rinse your mouth with water. If you fail to vomit it up, get medical attention immediately.

## SECTION 5. FIRE-FIGHTING MEASURES

**Extinguish method:** Usual fire fighting.

**Extinguish media:** Water, carbonic acid gas, dry chemicals and powder are all effective with chrome powder. Choose appropriate media depending on the environment.

**Others:** Chrome Powder itself is not flammable.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled: Sweep or vacuum up it quickly and carefully to prevent dust from scattering . Throw it away as general industrial waste.

## SECTION 7. HANDLING AND STORAGE

### **Handling:**

As with all industrial chemicals, use good industrial practices when handling. Use with adequate local ventilation. Use absorption system when dust is produced.

### **Storage:**

Keep container tightly closed in a cool, well ventilated dry place

## SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**Mica Dust:** TLV(R) 5 mg/m<sup>3</sup> [ACGIH(1997)] OSHA PRL(8—hr TWA ) None Established (5 mg/m<sup>3</sup> respirable nuisance dust)

**Respiratory Protection:** If Mica dust levels are high, respiratory protection for nuisance dust should be provided.

Ventilation Mechanical, general, or local exhaust may be required in some operations.

**Personal Protective Equipment:** Respiratory protection: Wear a respirator type FF-P2(EN149:2001)

**Hand Protection:** Chemical resistance protective gloves.

**Eye/Face Protection:** Safety Micas with side-shields (frame goggles).

**Skin Protection:** Suitable work clothes.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical State:** Solid

**Appearance:** Flake particle

**Odor:** None

**Melting Point:** Glass approx, 700°C

**Freezing Point:** Not applicable

**Vapor Pressure:** Not applicable

**Solubility in Water:** Insoluble in water.

**Density:** 2.8 ~ 3.4 g/cm<sup>3</sup> (ISO 787-10)

**PH Value:** 7 ~ 11 (ISO 787-9)

**Conductivity:** < 150 µs/cm (ISO 787-14)

**Bulk Density:** 30~ 60 g/100ml (DIN 53466)

**Particle Size:** 30-150 µm (Malvern)

**Oil Absorption:** 50~80 g/100g (ISO 787-5)

**Loss on Drying:** < 0.5 % (ISO 787-2)

## SECTION 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions.

**Conditions to Avoid:** None

**Shock Sensitivity:** Product is not explosive when subjected to mechanical impact.

**Friction Sensibility:** Product is not explosive when subjected to friction.

**Materials to Avoid:** None.

**Hazardous Decomposition Product:** No decomposition expected under normal storage conditions.

## SECTION 11. TOXICOLOGICAL INFORMATION

**Corrosive for Skin:** None known.

**Irritation (Skin, Eye):** Unlikely to occur. Direct contact will causes mechanical irritation.

**Sensitization:** None known.

**Acute Toxicity (Ldso and Others):** None known.

**Sub-Acute Toxicity:** None known.

**Carcinogenicity:** None known.

**Mutagenic:** None known.

**Reproductive toxicity:** None known.

**Teratogenic:** None known.

**Others:** None known.

## SECTION 12. ECOLOGICAL INFORMATION

**General Information:** No environmental hazard is anticipated provided that the material is handled and disposed with due care and attention.

## SECTION 13. DISPOSAL CONSIDERATIONS

Disposal procedures for solid waste in accordance with local, state, and federal regulations.

## SECTION 14. TRANSPORT INFORMATION

Not subject to transport regulations. The packing should be sound and puncture-proof, press-proof and damp-proof during transportation.

## SECTION 15. REGULATORY INFORMATION

**Declaration:** Classification not required.

## SECTION 16. OTHER INFORMATION

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