



## **PRODUCT: CORE Glow Pebbles** *(plastic with glow powder)*

### **MATERIAL SAFETY DATA SHEET (MSDS)**

#### **SECTION I: INFORMATION**

Trade Name: Strontium Aluminate  
Product Name: Strontium Aluminate, Europium Doped  
Product Code: Glow powder  
Product Class: A1203, M203, EU203, DY203, SI02  
CAS Number: % ACGIN-TLV OSHA-PEL as inert dust (total) 2 mg/m<sup>3</sup> ACGIN-TLV 3 mg/m<sup>3</sup> OSHA-PEL

**Statement:** This material data sheet (MSDS) has been prepared in compliance with the Federal OSHA Hazard Communication standard 29 CFR 1910.1200. This product is considered to be a non-hazardous substance under that standard.

#### **Company Contact:**

**CORE Systems** TF: 1.855.777.2673 (CORE)  
P.O. Box 1545, Comox, BC, Canada V9M 8A2

#### **SECTION II: INGREDIENT AND HAZARDOUS INFORMATION**

**Ingredients:** Gas Number CAS Number % ACGIN-TLV, OSHA-PEL as inert dust (total) 2mg/m<sup>3</sup>, Acgin-TLV 3mg/ m<sup>3</sup> OSHA-PEL

#### **SECTION III: PHYSICAL**

Appearance:	Light green powder with no odour
Melting Point:	Dissociates 1150
Vapor Pressure:	N/AP
Vapor Density:	N/AP
Solubility in Water:	Soluble
Weight per cubic meter:	3.0 - 3.6
Flammability:	N/AP
Class: Extinguishing:	Water
Media: Specific Gravity:	3.0 - 3.6

Freezing Point:	N/AP
Percent Volatile:	N/AP
Evaporation Rate:	N/AP
PH (% in water):	N/AP
Flash Point:	N/AP
Auto-Ignition Temp:	N/AP
Extinguishing media:	Water

#### **Fire Fighting Procedure-Special:**

Fire fighters should wear self-contained breathing apparatus when fighting chemical fires. Use water spray to cool nearby containers and structures exposed to fire.

#### **Unusual Fire and Explosion Hazards:**

This product will not burn. Use appropriate techniques to fight surrounding fire.

### **SECTION IV: REACTIVITY DATA**

Stability:	Stable
Hazardous Polymerization:	Will not occur
Conditions to Avoid:	Contact with acids
Incompatibility:	Contact with acids
Hazardous Decomposition Products:	Will not occur.

### **SECTION V: HEALTH HAZARD DATA**

Respiratory Equipment:	Local exhaust mechanical (General)
Protective Gloves:	Plastic or Neoprene
Eye Protection:	Chemical Glasses
Ventilation:	Proper breathing apparatus
Other Protective Equipment:	Lab Coat
Threshold Limit Value:	OSHA PEL total dust 3mg/ m3
Primary Routes of Exposure:	Inhalation, Ingestion, Skin
OSHA Pel:	3m3/ m3
ACGIN TLV:	3m3/ m3
Effects of Overexposure:	May cause irritation to eyes, skin and mucous membranes.
Listed Carcinogen:	None

### **SECTION VI: EMERGENCY & FIRST AID DATA**

Skin:	Wash off with soap and water, wear gloves when handling.
Eyes:	Flush with water for 5 minutes.
Inhalation:	Remove to fresh air.
Ingestion:	Drink quantities of water and induce vomiting.

## SECTION VII: TOXICOLOGY INFORMATION

This product is of non-toxic, please contact the manufacture for further information.

## SECTION VIII: SPILL OR LEAK PROCEDURES

**Spill Procedures:** Wear appropriate protective equipment, avoid the generation of dust, vacuum or shovel. Material must be placed in closable container for disposal.

**Waste Disposal Methods:** Dispose in accordance with state/provincial and local regulations.

## SECTION IX: REGULATORY INFORMATION

**Sara 313 Title III; Toxic Substance Control Act (TSCA):**

All ingredients in this product are listed on the U.S. EPA TSCA inventory of chemical substances.

## SECTION X: HANDLING & STORAGE INFORMATION

Store closed in cool dry area, when handling wear protective clothing and respiratory protection. Avoid scattering into air.

**Other Precautions:** Maintain a schedule of regular housekeeping to insure cleanliness.

## SECTION XI: TRANSPORTATION

Road Transport: ADR not restricted, RID not restricted

Marine Transport: IMDG/UN not restricted

Air Transport: ICAO/IATA-DGR not restricted  
Dispatch by post permitted

## SECTION XII: DEFINITIONS AND ABBREVIATION:

ACGIH: American Conference of Governmental Industrial Hygienists

CASRN: Chemical Abstract Service Registry Number

EPA: Environmental Protection Agency

N/AP: Not Applicable

N/AY: Not Available

NOISH: National Institute for Occupational Safety and Health

OSHA: Occupational Safety and Health Administration

PEL: Permissible Exposure Limits

SARA: Superfund Amendments and Reauthorization Act

## **SPECIAL NOTICE**

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