

MSDS Material Safety Data Sheet

Producer: L&B GROUP.,LTD

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SECTION I—PRODUCT INFORMATION

Trade Name: Photoluminescent Pigment

CAS Number: Al₂O₃[1344-28-1] ,SrCO₃[1633-05-2] ,Eu₂O₃[1308-96-9]

Chemical Family: Alkaline earth metal aluminate

Formula: SrAl₂O₄:Eu²⁺,Dy³⁺

Product Type: LBG series

SECTION II—HAZARDOUS COMPONENT

Ingredients Gas Number:%

ACGIH-TLV OSHA-PEL

As Inert Dust (Total) 2mg/m³ ACGIH-TLV

3mg/m³ OSHA-PEL

SECTION III—PHYSICAL PROPERTIES

Appearance & Odor: Greenish White Powder, No odor.

Melting Point: >800 °C

Vapor Pressure: N/AP

Vapor Density: N/AP

Solubility in Water: 0.3 G/L at 20°C

Specific Gravity: 3.6~4.0

Freezing Point: N/AP

Percent Volatile: N/AP

PH(% in water): 10~11 at 25°C

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SECTION IV—FIRE & EXPLOSION DATA

Flash Point: N/AP

Auto-Ignition Temp: N/AP

Extinguishing Media: Water, Foam, CO₂, Dry Chemical

Flammability Class: N/AP

Special Fire Fighting Procedure: Product is not flammable. 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: None known

SECTION V—REACTIVITY DATA

Hazardous Polymerization: Will not occur

Conditions to Avoid: Contact with acids.

Incompatibility: Contact with acids

Hazardous Decomposition Products: Will not occur

Thermal stability: Avoid heating up to 1800°C.

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SECTION VI—HEALTH HAZARD DATA

Respiratory Equipment: Local exhaust mechanical (general)

Protective Gloves: Plastic or Neoprene

Eye Protection: Chemical Glasses.

Primary Routes of Exposure: Inhalation, Eyes, Skin.

Osha Pel: 3m³/m³

Acin TLV: 3m³/m³

Effects of Overexposure: May cause irritation to eyes, skin and mucous membranes

Listed Carcinogen: None

SECTION VII—EMERGENCY & FIRST AID DATA

Skin: Wash off with soap and water, wear gloves when handling.

Eyes: Flush with water for 5 minutes. If irritation occurs and persists, call a physician.

Inhalation: Remove to fresh air, seek medical attention if necessary.

Ingestion: Drink quantities of water and induce vomiting when ingesting little. Seek immediate medical attention when ingesting lots of it.

SECTION VIII—SPILL & DISPOSAL INFORMATION

Spill or Leak Procedures: Vacuum or sweep into properly labeled container for disposal, avoid the generation of dust.

Waste Disposal Information: Dispose in accordance with local, State and Federal Regulations.

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SECTION IX— OTHER REGULATORY INFORMATION

Sara 313 Title III: Not listed.

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

If Regulated, proper Shipping Name: N/AP

Hazard Class: N/AP

Identification No: N/AP

Packing Group: N/AP

Label Required: N/AP

Emergency Response Guide No: N/AP

SECTION X—HANDLING & STORAGE INFORMATION

Store closed in cool dry area when handling or pouring, wear protective clothing, Avoid scatter into air.

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

This information is being supplied under Federal OSHA regulation 29 CFR 1910.1200. This product is considered to be a non-hazardous substance.

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