

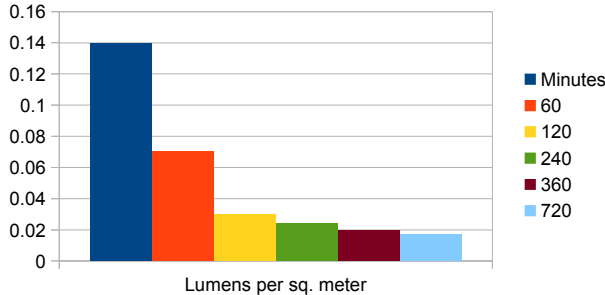


LumiSignum

Luminescent performance of LumiSignum Compaund Aggregate

LumiSignum Compaund Aggregate SkyBlue

Minutes	30	60	120	240	360	720
Lumens per sq. meter	0.14	0.07	0.03	0.024	0.02	0.017



Description

LumiSignum agregate is made of photoluminescent pigment connected to resin. After absorbing visible light for 10-30 minutes, LumiSignum agregate will glow more than 10 hours in the darkness.
 Non-toxic, Non-radioactive, and Harmless

Body color: Sky Blue

Physical property:

Fraction	1-2mm	2-4mm
Density	2.08g/cm ³	2.08g/cm ³
Barcol Hardness	≥55	≥55
Bend Strength	≥100MPa	≥100MPa
Impact Strength	≥14.00 KJ/m ²	≥14.00 KJ/m ²
Thermal Deformation Temperature	≥80л	≥80л
Elongation At Break	≥4.2%	≥4.2%

Packing

LumiSignum agregate is packed in one paper-plastic compound bag, the net weight is 25Kg/bag. One pallet of 40 Bags.



LumiSignum

MSDS

I. Product Identification

Trade Name: LumiSignum Photoluminescent aggregate

CAS Number: Al₂O₃, [1344-28-1] SrO, [1314-11-0] Eu₂O₃, [1308-96-9] Dy₂O₃ [1308-87-8]
(C₈H₄O₃;C₄H₁₀O₃;C₄H₂O₃)x[26123-45-5]

Chemical Family Name: Alkaline earth metal aluminate oxide. Europium doped.
Unsaturated Polyester

Product Type: Sky Blue

Formula: MO.Al₂O₃: Eu + (C₈H₄O₃;C₄H₁₀O₃;C₄H₂O₃)x

Statement: LumiSignum aggregate is made of photoluminescent pigment connected to resin. After absorbing visible light, LumiSignum aggregate will glow more than 10 hours in the darkness.

Non-toxic, Non-radioactive, and Harmless

II. PHYSICAL

Density	2.08g/cm ³
BARCO Hardness	≥55
Bend Strength	≥100MPa
Impact Strength	≥14.00 KJ/m ²
Thermal Deformation Temperature	≥80℃
Elongation At Break	≥4.2%

III. 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.

IV. HEALTH HAZARD DATA

Respiratory Equipment: Local exhaust mechanical (General).

Protective Gloves: Plastic or Neoprene.

Eye Protection: Chemical Glasses.

Ventilation: None

Other Protective Equipment: None

Primary Routes of Exposure: Skin.

Effects of Overexposure: None

Listed Carcinogen: None

V. 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.

VI. TOXICOLOGY INFORMATION

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

VII. HANDLING & STORAGE INFORMATION

Keep in a tightly closed container, stored in a cool, dry, ventilated area. Protect against physical damage. Keep away from fire. Containers of this material may be hazardous when empty since they retain product residues (dust, solids); observe all warnings and precautions listed for the product.

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

VIII. ADDENDUM

NFPA Ratings: Health: 1 Flammability: 0 Reactivity: 0

Label Hazard Warning:

CAUTION! MAY CAUSE IRRITATION TO SKIN, EYES, AND RESPIRATORY TRACT. MAY AFFECT LUNGS.

Label Precautions:

Avoid contact with eyes, skin and clothing.

Washing thoroughly after handling.

Avoid breathing dust.

Keep container closed.

Use with adequate ventilation.

Label First Aid:

In case of contact, immediately flush eyes or skin with plenty of water for at least

15 minutes. Get medical attention if irritation develops or persists. If inhaled, remove to fresh air. Get medical attention for a

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