

Stardustcolors Eurl

MATERIAL SAFETY DATA SHEET

photoluminescent pigment

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SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product Name : photoluminescent pigment
MSDS Number : 2610080035
MSDS date : August 31th, 2010
Company : **STARDUSTCOLORS EURL**
Route de l'Aviation
30131 PUJAUT – FRANCE

For more information call : +33 4 86 65 50 32

Emergency call :

SECTION 2 INFORMATION ON INGREDIENTS

Product Name : photoluminescent pigment
Chemical family : Alkaline earth metal aluminate
Formula : Proprietary
Product Type : Green Solvent

Ingredient	Concentration	CAS NO.
Sr4Al14O25:Eu2+,Dy3+	98%	12004374

SECTION 3 HAZARDS IDENTIFICATION

Hazards Identification :

Overview

Form : powder
Colour : yellowish
Odor : weak
Hazards : May cause irritation to eyes, respiratory system and skin. and may be harmful if swallowed.

hazardous components : Ingredients Gas Number:%
 ACGIH-TLV OSHA-PEL
 As Inert Dust (Total) 2mg/m3 ACGIH-TLV
 3mg/m3 OSHA-PEL.

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Potential Health Effects

Skin : May cause irritation to skin.

Eyes : May cause irritation to eye.

Inhalation : May cause respiratory tract irritation.

Ingestion : May be harmful if swallowed.

SECTION 4 FIRST-AID MEASURES

Skin Exposure : In case of contact, immediately wash skin with soap and copious amounts of water. If irritation persists, call a physician.

Eye Exposure : In case of contact with eyes, flush with copious amounts of water for at least 5 minutes. Assure adequate flushing by separating the eyelids with fingers. If irritation persists, call a physician.

Inhalation Exposure : Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Use oxygen as required, provided a qualified operator is present. Call a physician.

Oral exposure : If swallowed, immediately wash out mouth with water provided person is conscious, call a physician.

SECTION 5 FIRE FIGHTING MEASURES

Suitable : Water spray

Dry Chemical

Carbon dioxide

appropriate foam

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Fire fighting : Protective equipment:wear self-contained breathing apparatus and protective and clothing to prevent contact with skin and eyes.

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal Precautions : Wear personal protective equipments.
Evacuate personnal to safe places.
Eliminate all ignition source if it is safe to do so.
Avoid dust formation.
Ensure adequate ventilation.

Environmental Precautions: Prevent further leakage or spillage if it is safe to do so.
Prevent product from entering drains.
Don't flush into surface water or sanitary sewer system.
Don't allow run-off from fire fighting to water courses.

Methods for Cleaning Up : Sweep up with spade and transfer to a dry,clean,lidded container for disposal.
Avoid raising dust.
Ventilate area and wash spill site after material pickup is complete.

SECTION 7 HANDLING AND STORAGE

Handling : Wear appropriate protective clothing and safety gloves.

Avoid breathing dust.

Avoid contact with eyes,skin and clothing

Avoid prolonged or repeated exposure

Mechanical exhaust required

Keep away from ignition sources,heat and flame

Incompatibilities:strong oxidizing agents

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Storage : keep packages tightly closed in a dry, cool and well-ventilated area.

Keep away from ignition sources, heat and flame.

Protect from physical damage.

Store away from incompatible substance like strong oxidizing agents

SECTION 8 EXPOSURE CONTROL/PPE

Engineering Control : Mechanical exhaust required. Safety shower and eye bath.

Eye Protection : Safety glasses with side-shields.

Hand Protection : Protective gloves

Skin Protection : Wear appropriate protective clothing.

Respiratory Protection : In case of insufficient ventilation, wear suitable respiratory equipments.

Hygiene Control : Avoid breathing dust.
Don't swallow.
Avoid contact with eyes, skin and clothing.
Handle in accordance with good industrial hygiene and safety practice.

Other Protect : No smoking, drinking and eating at working site.
Wash thoroughly after handling.

SECTION 9 PHYSICAL/CHEMICAL PROPERTIES

Appearance Colour : yellowish

Odor : weak odor

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Melting Point / C° : >350°C

PH value : 11.4(25°C ,50.0g/L)

Solubility : Soluble in water

SECTION 10 STABILITY AND REACTIVITY

Stability : Stable under normal temperatures and pressures

Conditions To Avoid : Water

Materials To Avoid : Strong oxidizing agents

Hazardous Polymerization : Will not occur

Hazardous Decomposition Products:

Strontium oxides,aluminum oxides,etc.

SECTION 11 TOXICOLOGICAL INFORMATION

Toxicity Data : No data available

Irritation Data : May cause irritation to eyes,respiratory system and skin

SECTION 12 ECOLOGICAL INFORMATION

No data available

SECTION 13 DISPOSAL CONSIDERATION

Appropriate Method Of Disposal of Substance:

Contact a licensed professional waste disposal service to dispose of this material.Dissolve or mix the material with a combustible solvent and burn in a chemical incinerator equipped with and after burner and scrubber.Observe all federal,state and local environmental regulations.

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SECTION 14 TRANSPORT INFORMATION

DOT : Non-hazardous for Transport: this substance is considered to be non-hazardous for transport

RID/ADR : Non-hazardous for Transport: this substance is considered to be non-hazardous for transport

IATA : Non-hazardous for Air Transport:Non-hazardous for air transport

IMO : Non-hazardous for Sea Transport:Non-hazardous for sea transport

SECTION 15 REGULATORY INFORMATION

EU Additional Classification:

Safety statements:

S2 keep out of the reach of children.

S22 Do not breathe dust

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice

SECTION 16 OTHER INFORMATION

Date : 2010-08-31

Department : Shanghai Research Institute of Chemical Industry Testing Centre
Shanghai Classification and Testing Centre of Dangerous
Chemicals for State Administration of Work Safety
Tel(Fax):86-21-52815377/52800971/52807275/52811034/52569800

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Other

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