

****** MATERIAL SAFETY DATA SHEET ******

Issue Date (签发日期): 2021.02.20

SECTION 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name	Photoluminescent Pigment
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SECTION 2 - COMPOSITION, INFORMATION ON INGREDIENTS

Chemical formula: SrAl ₂ O ₄ :Eu				
Component	Chemical name	Approx Wt	CAS NO.	EINECS NO.
SrAl ₂ O ₄ :Eu	Strontium aluminate, europium-doped	~100%	201426-52-0	215-691-6
---	Sr	55%	---	---
---	Al ₂ O ₃	43%		
---	Eu	1%		

SECTION 3 - HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

This material has been measured in compliance with the European Standard on Safety of Toys, EN71 Part 3:1994 (including amendment A1:2000)-Migration of Certain Elements.

This product is considered to be a non-hazardous substance under that standard.

Eye	May cause irritation
Skin	May cause irritation
Ingestion	May cause irritation
Inhalation	May cause irritation
Chronic	None

SECTION 4 - FIRST AID MEASURES

Eyes	Flush with water for 5 minutes
Skin	Wash by water
Ingestion	Drink quantities of water and induce vomiting
Inhalation	Remove to fresh air
Notes to Physician	None

SECTION 5 - FIRE FIGHTING MEASURES

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

Dangerous character	Non-dangerous
Combustible composition	None
Extinguishing Media 灭	Use extinguishing agent surrounding fire
Extinguishing attention	Preparing anytime

SECTION 6 - ACCIDENTAL RELEASE MEASURES

General Information

1. Person-related safety precautions :

Wear protective equipment. Keep unprotected persons away.

Ensure adequate ventilation

2. Measures for environmental protection:

Do not allow material to be released to the environment without proper governmental permits.

3. Measures for cleaning/collecting:

Dispose contaminated material as waste according to Consult state, local or national regulations to ensure proper disposal.

Ensure adequate ventilation.

*Spills/Leaks: Put it in plastic bag and seal it.

SECTION 7 - HANDLING and STORAGE

Handling	Keep container tightly sealed. Store in cool, dry place in tightly closed containers. No special precautions are necessary if used correctly.
Storage	Material must be placed in closeable container for disposal

SECTION 8 - EXPOSURE CONTROLS, PERSONAL PROTECTION

Engineering Controls	Properly operating chemical fume hood designed for hazardous chemicals and having an average face velocity of at least 100 feet per minute.
Personal Protective Equipment	Plastic or neoprene Gloves, Proper breathing apparatus, Lab coat

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Solid
Color	Yellow Powder
Odor	None
pH Value	7
Vapor Pressure	NA
Viscosity	NA
Boiling Point	Not determined
Freezing/Melting Point	NA

Autoignition Temperature	Not determined
Flash Point 闪点	NA
Explosion Limits, lower	NA
Explosion Limits, upper	NA
Decomposition Temperature	NA
Solubility in water	Insolubility
Specific Gravity/Density	NA
Molecular Weight	1003

SECTION 10 - STABILITY AND REACTIVITY

Chemical Stability	Stable
Conditions to Avoid	Acids
	Bases
	Oxidizing agents
	Interhalogens
	Halocarbons
	Moist

SECTION 11 - TOXICOLOGICAL INFORMATION

No toxicological information

SECTION 12 - ECOLOGICAL INFORMATION

No Ecological information

SECTION 13 - DISPOSAL CONSIDERATIONS

Dispose in accordance with state and local regulations.

SECTION 14 - TRANSPORT INFORMATION

Not a hazardous material for transportation.

Hazard class	None
ADR/RID class	None
IMDG Class	None
ICAO/IATA class	None

SECTION 15 - REGULATORY INFORMATION

According to local regulatory.

SECTION 16 - OTHER INFORMATION

No other information.

Reported by:

Date : _____

Signature : _____