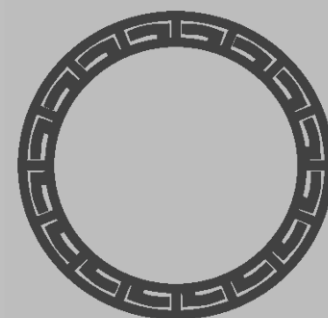


Material Safety Data Sheet



KAMA
PIGMENTS

Glow in the dark Green pigment

Product Code: PS-GD0010

Department: phosphorescents pigments

C.A.S.: trade secret

Section: 1 Identification

Common Name:	Strontium Aluminate (sral) Strontium Oxide Aluminate (sroal)
CAS Number:	Not assigned
Synonyms:	Long after glow phosphorescent pigment, Non-radioactive glow in dark pigment
Chemical Family:	Aluminates, Alkaline Earth Aluminates
Formula:	sral or sroal, proprietary, blended

Section: 2 Hazard Identification

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.

Potential Health Effects

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

HGS Label Elements

Signal Word

Precautionary Statements

GHS Classification

Hazard Statements

Section: 3 Composition / Information on Ingredients

CAS#	None
EINECS#	None
Chemical Name	Organic Pigment
Hazard Symbols	None Listed.
Risk Phrases	None Listed

Section: 4 First-Aid Measures

Eyes	Flush eyes with plenty of water for at least 15 minutes, occasionally lifting the upper and lower eyelids. Seek medical attention immediately.
Skin	Seek medical attention. Flush skin with plenty of water for at least 15 minutes and remove contaminated clothing and shoes. Wash clothing before reuse.
Ingestion	If victim is conscious and alert, give 2-4 cupfuls of milk or water. Never give anything by mouth to an unconscious person. Obtain medical attention immediately.
Inhalation	Remove from exposure and move to fresh air immediately. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical aid.
Notes to Physician	No further remarks

Section: 5 Fire-Fighting Measures

General Information	Wear a self-contained breathing apparatus in pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear. Irritating and highly toxic gases may be generated by thermal decomposition or combustion during a fire.
Extinguishing Media	Use agent most appropriate to extinguish fire. Use water spray, dry chemical, carbon dioxide, or appropriate foam.

Section: 6 Accidental Release Measures

General Information	Use proper personal protective equipment as indicated in Section 8.
Spills/Leaks	Clean up spills immediately, observing precautions in the Protective Equipment section. Sweep up or absorb material, then place into a suitable clean, dry, closed container for disposal. Avoid generating dust. Provide ventilation.

Section: 7 Handling And Storage

Handling	Wash thoroughly after handling. Remove contaminated clothing and wash before reuse. Use with adequate ventilation. Minimize dust generation and accumulation. Avoid contact with eyes, skin, and clothing. Keep container tightly closed. Avoid ingestion and inhalation.
Storage	Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances.

Section: 8 Exposure Control/Personal Protection

Engineering Controls	Facilities storing or utilizing this material should be equipped with an eyewash facility and a safety shower. Use adequate ventilation to keep airborne concentrations low.
Personal Protective Equipment	
Eyes	Wear appropriate protective eyeglasses or chemical safety goggles as described by OSHA's eye and face protection regulations in 29 CFR 1910.133 or European Standard EN166.
Protective gloves	Wear appropriate protective gloves to prevent skin exposure.
Protective clothing	Wear appropriate protective clothing to prevent skin exposure.
Respirators	A respiratory protection program that meets OSHA's 29 CFR 1910.134 and ANSI Z88.2 requirements or European Standard EN 149 must be followed whenever workplace conditions warrant respirator use.

Section: 9 Physical and Chemical Properties

Physical State	Solid, Powder
Color	Light green powder
Odor	Not available.
pH	7.
Vapor Pressure	Not available.
Viscosity	Not available.
Boiling Point	Not available.
Freezing/Melting Point	Not available
Autoignition Temperature	Not available
Flash Point	Not available.
Explosion Limits, lower	Not available.
Explosion Limits, upper	Not available.
Decomposition Temperature	Not available.
Solubility in water	Not soluble.
Specific Gravity/Density	Not available.
Molecular Weight	1003
glow intensity (mcd/m2)	
1min	9328
10min	425
60min	73
particle size (microns)	45~55
glow lasting (hours)	10

Section: 10 Stability And Reactivity

Chemical Stability	Stable.
Conditions to Avoid	Incompatible materials, exposure to moist air or water.
Incompatibilities with Other Materials	Acids, bases, strong oxidizing agents, interhalogens, halocarbons, alcohols, amines.
Hazardous Decomposition Products	Carbon monoxide, oxides of nitrogen, oxides of sulfur, carbon dioxide, hydrogen fluoride gas, hydrogen bromide, acrid smoke and fumes, bromine, fluorine.
Hazardous Polymerization	Has not been reported

Section: 11 Toxicological Information

RTECS#:	unlisted.
CAS#:	None
LD50/LC50:	Not available.
Carcinogenicity:	Fluorescent Pigment- Not listed by ACGIH, IARC, or NTP.

Section: 12 Ecological Information

No Ecological information

Section: 13 Disposal Considerations

Dispose of according to federal, state, and local regulations.

Section: 14 Transport Information

IATA	Not regulated as a hazardous material.
IMO	Not regulated as a hazardous material.
RID/ADR	Not regulated as a hazardous material.

Section: 15 Regulatory Information

Labeling:	Not subject to labeling.
National Legislation/Regulations:	This product is classified as NON-HAZARDOUS
European/International Regulations	
European Labeling in Accordance with EC Directives	
Hazard Symbols	Not available.
Risk Phrases	N/A
Safety Phrases	N/A
Safety Precautions	Avoid contact with skin and eyes. After contact with skin, wash immediately with plenty of water. Wear suitable gloves. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
WGK (Water Danger/Protection)	
CAS#	None, no information available.
Canada	
DSL	Product listed on Canada's DSL List.
GHS	Not a GHS regulated product.
	Product is not listed on Canada's Ingredient Disclosure List.
US FEDERAL	
TSCA	Product listed on the TSCA inventory.

Section: 16 Other Information

reference	manufacturer's material safety data sheet
prepared by	Kama pigments

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