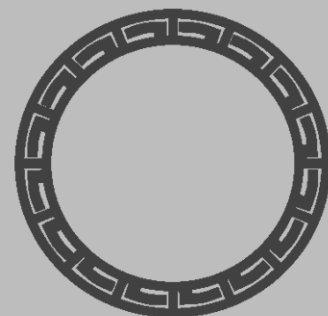


# Material Safety Data Sheet



**KAMA**  
PIGMENTS

## Glow in the dark White pigment

Product Code: PS-GD0080

Department: phosphorescents pigments

C.A.S.: trade secret

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### Section: 1 Identification

|                      |                                |
|----------------------|--------------------------------|
| Name                 | Glow in the dark White Pigment |
| Synonym              | Phosphorescent White Pigment   |
| Chemical Name        | Organic Pigment                |
| Chemical ingredients | Dy2O2S:Eu                      |

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### 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**

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### Section: 3 Composition / Information on Ingredients

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

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## 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  |

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## 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.  |

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## 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. |

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## 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.  |

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## 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. |

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## Section: 9 Physical and Chemical Properties

|                           |                 |
|---------------------------|-----------------|
| Physical State            | Powder          |
| Color                     | white powder    |
| Odor                      | Not available.  |
| pH                        | 7.              |
| Vapor Pressure            | Not available.  |
| Viscosity                 | Not available.  |
| Boiling Point             | Not determined. |
| Freezing/Melting Poin     | Not available.  |
| Autoignition Temperature  | Not determined. |
| 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                      | 1200            |
| 10min                     | 33              |
| 60min                     | 0.9             |
| particle size (microns)   | 30              |
| glow lasting (hours)      | 1               |

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## Section: 10 Stability And Reactivity

|  |   |
|--|---|
| Chemical Stability                     | Not available.  |
| Conditions to Avoid                    | Incompatible materials, exposure to moist air or water.   |
| Incompatibilities with Other Materials | Strong oxidizing agents, 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   |

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## Section: 11 Toxicological Information

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

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## Section: 12 Ecological Information

No Ecological information available.

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## Section: 13 Disposal Considerations

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

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## 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. |

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## Section: 15 Regulatory Information

|   |   |
|---|---|
| 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.   |

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## Section: 16 Other Information

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

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