

Glow Powder Data Sheet

1. Product Identification

Commercial Name: Photoluminescent Pigment (glow powder)

Chemical makeup: alumane dysprosium europium oxidanylidene strontium

CAS: CAS#201426-52 EC#416-840-1

Details of the supplier of the safety data sheet:

Company Name: Dangerous Things LLC

Address: 336 36th Street, Suite 366, Bellingham WA 98225 USA

Email: support@dangerousthings.com

Phone: +1.360.230.8087

2. Composition Information

Chemical Name	Registration No.	CAS No.	EC No.	Concentration
alumane dysprosium europium oxidanylidene strontium	01-xxxxxxx-xx- xxxx	201426-52- 0	416-840-1	>99%

3. Specification

Particle size: $\geq 50\mu\text{m}$

Particle encapsulation: Silica

Encapsulation process: Stöber process preparation, sol-gel application

Post processing: Acetone di water wash and lab mesh filtration

Sterilization: Dry heat at 160C for 2 hours

4. Hazards Identification

4.1 GHS Classification in accordance with 29 CFR 1910.1200

- Serious eye damage / eye irritation: Category 2B
- Specific target organ toxicity – single exposure (inhalation): Category 3 (respiratory tract irritation)

4.2 Label elements

Signal Word: Warning

Hazard Statements:

H320 Causes eye irritation

H335 May cause respiratory irritation

Precautionary Statement – Prevention:

P264 Wash face, hands, and any exposed skin thoroughly after handling.

P261 Avoid breathing dust/fume/gas/mist/vapors/spray

P271 Use only outdoors or in a well-ventilated area.

P285 In case of inadequate ventilation wear respiratory protection.

Precautionary Statement – Response:

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P312 Call a POISON CENTER/doctor/if you feel unwell.

4.3 Other hazards (not otherwise classified)

- None known

SKU	CFR Standard
80060007-01 Green	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
80060008-01 Aqua	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)
80060009-01 Blue	This material is not considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200)