TDS · TECHNICAL DATA

Yellow Glow in the Dark Powder – Phosphorescent Pigment, 50 g

Article: TM17030811 · **INCI:** Strontium Aluminate, Europium Oxide, Dysprosium Oxide
Document No. TDS-40561-EN-2611 · **Revision:** 11.2026

Product page

1 General information

Product name	Yellow Glow in the Dark Powder – Phosphorescent Pigment, 50 g
Article	TM17030811
Product type	Photoluminescent pigment (long afterglow phosphor)
INCI	Strontium Aluminate, Europium Oxide, Dysprosium Oxide
Synonyms	glow powder, phosphorescent pigment

2 Specification

Appearance	powder
Color	yellow
Particle size	10-15 μm
Solubility	insoluble
Density	3.4–3.6 g/cm³
Bulk density	1.0–1.3 g/cm³
pH	9–11 (10 % suspension, hydrolysis)
Odor	odorless
Pack size	50 g

3 Applications and dosage

Application areas	• nail art • decor • epoxy resin • candles
Recommended dosage	1.5-5% depending on the main raw material

Compatibility	Insoluble, dispersible. Performs best in clear anhydrous bases (resins, varnishes, oils). Sensitive to moisture and acids: gradually hydrolyzes in aqueous media with loss of glow. Charge with daylight or UV light.

Intended for decor, nail art and technical applications. Not for use on facial skin, lips or mucous membranes.

4 Storage and packaging

Storage conditions	in a dry place, in a tightly closed container, protected from direct sunlight, at +5...+30 °C
Shelf life	until 12.2041 in closed original packaging
Packaging	sealed packaging (zip-lock bag, jar or bottle) / transport container

Quality control: every batch is checked against the reference standard for color, appearance and particle size.

Approved by: Quality Department · Mylo-Opt

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