

Glow in Dark Powder – Illuminating Innovation by Fluorence

About Fluorence

At **Fluorence**, we believe that color is more than visual—it's a language of innovation, performance, and purpose.

As a part of B. N. Mehra & Co., we have been at the forefront of color science for decades, providing specialty colourants, pigments, and performance additives to industries around the world.

Our journey began with a vision to enhance the way materials interact with light—and today, that vision shines brightest through our advanced [Glow in Dark Powder](#) solutions.



What Is Glow in Dark Powder?

Our **Glow in Dark Powder** is not just another pigment—it's a smart material that captures light energy and releases it slowly over time. These powders, also known as **Photoluminescent Pigments** or **Long Afterglow Phosphorescent Pigments**, absorb natural or artificial light and emit a soft, visible glow in darkness.

At Fluorence, we engineer these powders to deliver exceptional brightness, long-lasting afterglow, and consistent performance. Designed for both functional and decorative applications, our glow powders serve industries such as paints and coatings, plastics, textiles, packaging, and safety systems.

Whether it's a glowing safety sign, luminous coating, or creative decorative product, our technology ensures durability, reliability, and aesthetic excellence.

The Science Behind the Glow

Our **Glow in Dark Powder** is based on advanced phosphorescent chemistry. Each particle stores light energy and releases it slowly, creating a sustainable and rechargeable glow without any electricity or radiation.

Here's what makes Fluorence's photoluminescent materials stand out:

- **Extended glow duration**—our powders can glow visibly for up to 10–12 hours.
- **Superior brightness and clarity** across multiple applications.
- **Excellent weather and light resistance** for indoor and outdoor use.
- **Eco-friendly and safe**—non-toxic, non-radioactive, and RoHS compliant.

These features make them ideal for industries seeking both functionality and visual impact.

Applications Across Industries

Fluorence's **Glow in Dark Powders** are designed for versatility and performance. Here are some of the key applications across sectors:

- **Safety & Emergency Signage:** For pathways, staircases, and escape routes where visibility is critical.

- **Paints & Coatings:** Adds luminous and decorative effects to walls, structures, and artwork.
- **Textiles & Apparel:** For glow-in-the-dark fabrics used in fashion, sportswear, and safety gear.
- **Toys & Consumer Goods:** For novelty items that bring joy and creativity to life.
- **Industrial Markings:** For instruments, switches, and indicators that need night-time visibility.

From aesthetics to safety, our **Glow in Dark Powder** offers a perfect blend of beauty and purpose.

Why Choose Fluorence

We understand that every business has unique needs—and that's why Fluorence focuses on providing customized pigment and additive solutions backed by decades of scientific expertise.

Here's what sets us apart:

- **Proven Heritage:** Over 90 years of excellence in colour science and pigment technology.
- **Technical Expertise:** Continuous research in **Long Afterglow Phosphorescent Pigments** and **Photoluminescent Pigments** for high-performance results.
- **Sustainability & Compliance:** We ensure all our materials meet the highest global safety standards.
- **Comprehensive Range:** Beyond glow pigments, we also supply optical brightening agents, Complex Inorganic Colour Pigments, and Matting and texture Agents to meet every industrial requirement.
- **Customer Partnership:** Our technical support and reliable supply chain help clients innovate confidently.

Fluorence isn't just a supplier—we are your partner in creating materials that inspire and perform.

Integrating Glow in Dark Powder into Your Products

Incorporating **Glow in Dark Powder** into your manufacturing process can enhance both the function and appeal of your products. Our team works closely with clients to provide tailored solutions suited to specific formulations and end-use requirements.

Whether you are in paints, plastics, packaging, or textiles, Fluorence ensures your products meet the highest standards of performance, safety, and brilliance.

We also offer guidance on dispersion, concentration, and compatibility—so that your application benefits from maximum glow intensity and uniform finish.

Beyond Luminescence: Our Broader Expertise

At Fluorence, innovation doesn't stop with glow pigments.

We offer a diverse range of high-performance materials, including:

- [Optical Brightening Agents](#) – for enhancing whiteness and visual clarity.
- [Complex Inorganic Colour Pigments](#) – for superior heat and chemical resistance.
- [Matting and Texture Agents](#) – to refine surface feel and visual depth in coatings and plastics.

Together, these technologies form our comprehensive color and effect solutions portfolio, enabling brands to achieve exceptional quality, design, and durability.

A Brighter Future with Fluorence

Light has always inspired human creativity—and with **Glow in Dark Powder**, we bring that inspiration into every material.

At Fluorence, we are proud to illuminate industries with sustainable, science-driven solutions that redefine how the world sees color and light.

To explore our full range of products or to collaborate on a custom formulation,

More Information Here: <https://www.fluorence.com/product/glow-in-dark-powder/>

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Let's create a brighter, more luminous world—together.