

GlowPaint – Technical Data Sheet

MagPaint Europe B.V.
Riezenweg 2, 7071 PR Ulft, The Netherlands



1. Description

GlowPaint is a high quality indoor water based acrylic paint with a special glow-in-the-dark pigment that is non-toxic. It is odour-, radiation- and lead free. It can be applied easily and spatter-free in four layers to create shapes or complete surfaces that absorb light and glow in the dark. Due to the transparency of the paint, any drawings underneath the GlowPaint will be visible too. The more layers, the brighter it shines. GlowPaint can be used in combination with SketchPaint Transparent.

No / very few solvents.

2. Equipment

GlowPaint can be applied with a long- or short haired roller for water based wall paints. Smaller shapes can be applied with a brush. On larger surfaces the undiluted paint can be applied using Wagner XVL P spray technology. Clean your equipment with water directly after use.

3. Surface

The surface should be solid, clean, dry, and free of grease, dust and rust. Remove loose coats of paint and clean old coats of paint with a paint cleaner. Fill up any cracks and holes with a suitable filler and lightly sand the surface. Remove any fat, dirt and dust present with water and ammonia. If possible, sponge with clean water and let it dry well. Wallpaper to be painted must be firmly attached. GlowPaint can be applied directly to wood and stone surfaces. For other surfaces, a suitable primer is advised.

4. Application

Stir the paint well. GlowPaint should be applied at a temperature above +5°C and a relative humidity of maximum 80%. For one layer, the theoretical consumption is 30m²/L, the actual consumption depends on the state of the surface and the application method. Four layers are advised for the best brightness. Cover adjacent surfaces in advance. Apply GlowPaint with a Roller or Brush, depending on the size of the surface you want to paint. Another layer of GlowPaint can be applied within 1 hour depending on the temperature and humidity. Wrap your roller or brush in household foil during the drying break. Apply four layers for nice brightness, but you can add more layers until you are satisfied with the brightness. You can paint a black-and-white image on the white background with acrylic paint before applying GlowPaint. Or you can add shading by adding less layers on the darker parts of an image, and more layers on the brighter parts of an image.

5. Usage

GlowPaint charges in approximately 40 seconds under direct sunlight or 1-30 minutes under daylight, UV and white light. The afterglow can be more than 25 hours until it is completely invisible. The first 15 minutes, the Afterglow is most intense.

All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. In case of queries please request our technical assistance.

SAFETY DATA SHEET AVAILABLE AT MAGPAINT EUROPE OR DOWNLOAD AT WWW.MAGPAINT.COM

Page 1 of 2

GlowPaint – Technical Data Sheet | 7-1-2021 | Version 7.2 | m.poorthuis@magpaint.com

GlowPaint – Technical Data Sheet

MagPaint Europe B.V.
Riezenweg 2, 7071 PR Ulft, The Netherlands



6. Storage

GlowPaint should be stored cool, dry, frost-free and in closed packaging. The shelf life in closed packaging is at least 36 months under the right storage conditions. Close properly after use. Perishable after opening.

7. Certifications

EU VOC limit value for this product (2004/42/EC, cat. aWB, 2010): 30 g/L. GlowPaint contains **0 g/L VOC**.

GlowPaint is in conformity with EN 71-3 and ROHS.

Contains no substances classified as; carcinogenic, mutagenic, reprotoxic or classified with regard to environmental hazards, according to Regulation (EC) NO. 1272/2008.

GlowPaint is free of formaldehyde, APEO, lead and asbestos.

8. Specifications

Commodity code:	320910.
Colour:	Transparent, slightly yellow.
Sheen:	Matt.
Density:	1,226 Kg/L.
Layer Thickness:	Approximately 40 µm.
Consumption:	Approximately 10 m ² /L for three layers.
Viscosity:	Ready for use.
VOC:	EU VOC limit value for this product (2004/42/EC, cat. aWB, 2010): 30 g/L. GlowPaint contains 0 g/L VOC.
Processing:	>+5°C / <80% relative humidity.
Drying time:	1 hour.
Next coat after:	1 hour.
Units:	0,25L – 0,5L.
Shelf life:	At least 36 months under the right storage conditions. Perishable after opening.

All suggestions and application instructions herein are based on our latest technical experience. Due to the wide variety of individual project conditions, we cannot be held responsible for their content. These instructions do not release the purchaser/applicator from his responsibility to determine the suitability of the product in consideration of the project characteristics. In case of queries please request our technical assistance.