

SketchPaint – Technical Data Sheet

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



1. Description

SketchPaint is a high quality, fast drying indoor water based finish paint based on a two component system with a base paint and isocyanate hardener. The base paint is odourless, non-toxic and lead free. It can be applied easily and spatter free, in one layer to create a surface on which you can write with whiteboard markers and liquid chalk markers. SketchPaint is available as a transparent lacquer or white paint with excellent scratch and abrasion resistance, durability and washability. SketchPaint does not yellow, and the white version ensures a certain opacity. SketchPaint is available as Transparent Gloss, Transparent Mat, White Gloss and White Matt. SketchPaint is suitable for small areas between 3 m² and 16 m². For larger surfaces, our Paint For Pros SketchPaint is recommended. SketchPaint can be used in combination with our MagnetPaint to create a magnetic Whiteboard. Or with our GreenscreenPaint to create a greenscreen that you can write on with markers.

The base Paint contains no / very few solvent

2. Equipment

SketchPaint should be applied using a roller for water based two-component paints. Or applied using Wagner XLVP spray technology. SketchPaint white can be sprayed undiluted. SketchPaint Transparent should be diluted with 10% water before spraying. Mix the water with component B before adding component A. 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. SketchPaint can be applied directly to wood-like Surfaces. For other Surfaces, a suitable primer is advised. For products that have to be written on, a smooth and even Surface is critical.

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.

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4. Application

SketchPaint should be applied at a temperature above +5°C and a relative humidity of maximum 80%. For one layer, the theoretical consumption of SketchPaint Transparent is 8m²/L, for SketchPaint White 6m²/L. The actual consumption depends on the state of the Surface and the application method. Cover adjacent surfaces in advance and make sure the room is dust-free.

Separate and open the two containers. Stir the content of component B well before adding the complete content of component A. Then stir the mixture for at least three minutes. It is important to mix the two components well for optimal curing and function. After mixing, the mixture should be left for 5 minutes to incubate, stirred again and then applied within one hour. Preferably paint surfaces not bigger than 8m², so you can use one package. When two packages are needed, use a separate roller and tray for each package to avoid contaminating old paint with freshly mixed paint. Never mix multiple packages at once. To ensure a seamless application of two packages, ensure that the next mixture is mixed as soon as the first mixture is used up. For surfaces that require more than two packages, use our Paint For Pros SketchPaint instead.

Because of the fast drying, apply SketchPaint not too thin in long overlapping strokes from top to bottom, and avoid excessive re-rolling. Start on the side of the incidence of light and point the tip of your roller in the direction of painting. Apply in one layer, and remove adjacent covering and tape within one hour after application to avoid damaging the edges. SketchPaint is tack-free after about 4 hours. One layer should be sufficient. If your SketchPaint does not function properly after one layer, please contact us for technical support.

5. Usage

SketchPaint has to cure for 5 days before it can be written on with dry-erase markers. Dry-erase ink contains a pigment, binder and solvent, just like permanent ink. The difference is the binder, which is an oily silicone polymer that will not stick to a non-porous surface. You can wipe off the dried layer of polymer without leaving behind a trace of the pigment. Let the ink dry before you try to erase it, or it will not protect the surface from the pigment. Preferably use a cleaning solution every day to remove the invisible oily residue from the ink. Do not use permanent markers or abrasive cleaning agents on SketchPaint. In case of a mistake, permanent marker can gently be removed with paint thinner or nail polish remover. MagPaint's SketchMarkers guarantee easy erasing. Other brands of dry-erase markers can also be used, but some markers may leave traces on SketchPaint. Other marker brands should first be tested in an inconspicuous place.

MagPaint offers SketchMarkers in Black, Blue, Red and Green. Available in sets of four markers in one single colour or a set of all four colours. SketchCleaner spray is offered in 100ml spray bottles. Or you can get a complete CleanerKit complete with a set of four-colours of markers, a bottle of SketchCleaner spray and a microfiber cloth.

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6. Storage

SketchPaint should be stored cool, dry, frost-free and in closed packaging. Shelf life in closed packaging is at least 36 months under the right storage conditions. After mixing the two components, the Shelf life decreases to 2 hours. **DO NOT CLOSE THE PACKAGING AFTER MIXING THE TWO COMPONENTS!**

7. Certifications

EU VOC limit value for this product (2004/42/EC, cat jWB, 2010): 140 g/L. SketchPaint contains **0 g/L VOC**.

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

Contains no substances classified as; carcinogenic or mutagenic according to Regulation (EC) NO. 1272/2008.

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

Fire class is determined as follows: B – s1,d0

8. Specifications

Product:	Transparent Gloss/Mat.	White Gloss/Mat.
Commodity code:	320910.	320910.
Colour:	Transparent.	White.
Sheen:	Glossy or Matt.	Glossy or Matt.
Density:	1.05 kg/L, mixed product.	1.23 kg/L, mixed product.
Layer Thickness:	Approx. 50 µm.	Approx. 50 µm.
Consumption:	Approx. 8m ² /L for one layer.	Approx. 6m ² /L for one layer.
Viscosity:	Ready for use, dilute component B with 10% water before spray application.	Ready for use.
VOC:	EU VOC limit value for this product (<u>2004/42/EC, cat jWB, 2010</u>): 140 g/L. SketchPaint contains 0 g/L VOC .	EU VOC limit value for this product (<u>2004/42/EC, cat jWB, 2010</u>): 140 g/L. SketchPaint contains 0 g/L VOC .
Processing:	>+5°C / <80% relative humidity.	>+5°C / <80% relative humidity.
Drying time:	1hour.	1hour.
Next coat after:	4hours	4 hours.
Ready to use after:	5 days.	5 days.
Units:	0,5L – 1L.	0,5L – 1L.
Shelf life:	At least 36 months under the right storage conditions. Perishable after opening.	At least 36 months under the right storage conditions. Perishable after opening.

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