

General Description

Nippon Paint Eco Essence Allergy Friendly Anti-viral Kid's Interior Emulsion Paint is formulated with no added formaldehyde. It uses advanced photocatalytic technology to continuously purify formaldehyde and eliminate odors. Enriched with natural plant extracts, also features silver ion anti-viral technology, effectively combating various viruses such as Influenza A H1N1, Influenza A H3N2, and Human Coronavirus HCoV-229E. It provides strong protection against 11 types of bacteria and 11 types of fungus. Additionally, it offers comprehensive performance including stain resistance, excellent Washability, and excellent hiding power.

Features

- Photocatalytic formaldehyde purification
- Ag+Anti-virus
- ASL certified "Asthma & allergy friendly"
- Over 240 harmful substances not detected
- Nearly Zero SVOC
- Deodorization
- Excellent Anti-bacteria up to 99%

Recommended For

- Suitable for places with high hygiene standards.
- Interior masonry surfaces
 - Hospitals
 - Schools
 - Restaurants
 - Shops
 - Offices
 - Public places
 - Residential buildings
 - Commercial buildings

Certification(s)



General Information

Colour:	White, standard colours as per colour card and 710 computerized colours with -4 end	Drying time: (at 25~30°C)	Surface dry: 1 hr Hard dry: 2 hr
Type	Styrene-acrylic copolymer emulsion	Overcoat Time: (at 25~30°C)	2~3 hrs
Finishes:	Matt	Full Curing (at 25 °C)	7 days
Application Method:	Brush / Roller / Airless spray	Specific Gravity: (at 25 °C)	1.44 ± 0.03 (based on white)
Theoretical Coverage:	13-14 m ² /L/coat	Solid Content: (by weight)	>50%
Dilution:	Brush / Roller - 10~20% clean water Spray - ≤ 10% clean water	Packing:	4.5L
Dry Film Thickness:	30µm	Shelf Life:	36 months in sealed original packaging stored at room temperature and shaded place.

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Technical Data

<u>Test</u>	<u>Test Method</u>	<u>Result</u>
VOC Content (g/L)	USEPA Method 24	15

Recommended Painting System

Sealer/Primer: One coat of Odour-less Primer or Odour-less Colour Sealer

Top Coat: Two coats of Eco Essence Allergy Friendly Anti-viral Kid's Interior Emulsion Paint

Surface Preparation

All surface must be clean, dry and free from oil, grease, dirt, contaminants and loose materials.

Dirt/Powder: Clean with damp cloth. Mild detergent may be used.

Paint: Remove unstable or old film by high-pressure wash, or scraper whichever is appropriate.

Plaster: Remove by chisel or power grinder. Replaster to unstable surface with an approved mortar mixture.

Moisture: High moisture causes paint defect. The moisture content of substrate should be within 6% - 19% determined by Protimeter. All water seepage must be checked and rectified.

pH Value: pH value should be less than 10.

Fungus: Remove by high-pressure wash & treat with Nippon Paint Anti-Fungus Solution

Oil/Grease: Clean off with mild detergent and a little solvent. Wash thoroughly to remove all trace.

✧ **Ensure fresh air ingress while applying and before dry done**

✧ **High humidity and cool temperature will result in longer drying time**

Limitations

Avoid painting when the temperature is below 5°C or the humidity is over 85%. Do not paint when raining and rain is expected during painting or drying process.

Clean Up

Wash painting tools with water immediately after use.

Safety Information

Keep out of reach of children. If medical advice is needed, get the product container or label at hand for easy reference.

Be aware of sanding dust / spray mist. Protective gloves, eye or face protection are highly recommended. Keep away from sparks, heat, open flames and any other ignition sources.

Eating, drinking and smoking should be prohibited in areas where the material is handled, stored and processed.

In case of eye contact, rinse immediately with plenty of water. For splashed skin, clean thoroughly with soap and water. Seek medical attention if indication persists.

If you experience difficulties on breathing, leave applied area and obtain fresh air. If difficulties continue, immediately get medical attention.

Product must always be stored in a ventilated, cool and dry place.

Tightly close product container after each use.

Flash Point and Ignition Point

Flash Point: N/A

Ignition Point: N/A

Note: The information given applies to the product and its performance under specific test condition. Due to the varied circumstances beyond our control under which the product may be applied, for specific applications, please contact Nippon Paint Project Sales Department. We reserve the right to modify our product specification without prior notice.

For further enquiries, please call:

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