

**ODOUR-LESS AIRCARE**
*Updated July'25*


**Odour-less AirCare** is a premium interior emulsion paint that actively purifies indoor air while delivering long-lasting beauty and protection. Powered by **AirGuard Technology**, it continuously absorbs harmful formaldehyde from the air and converts it into harmless water vapour—offering real-time indoor air detoxification, far beyond what typical low-VOC paints provide.

Formulated with **near-zero VOC, ammonia-free**, and free from heavy metals like lead and mercury, Odour-less AirCare is ideal for health-conscious spaces such as homes, hospitals, schools, and hotels. It also features **excellent stain washability, anti-bacterial protection**, and strong adhesion—ensuring not just cleaner air, but cleaner, safer walls that last longer.

Positioned as a high-performance health and hygiene paint, it delivers greater real-world benefits than conventional low-odour paints, making it the smarter, safer choice for families and sensitive users.

**Product Features:**

- **Active Carbon Air Purification with AirGuard Technology**

Continuously absorbs harmful formaldehyde and neutralizes it into water vapour—providing cleaner, healthier indoor air.

- **Ultra-Low VOC & Odour-Free Formula**

Ammonia-free, near-zero VOC during and after painting for a safer and more comfortable indoor environment.

- **Anti-Bacterial Protection with Micro Block Technology**

Tested against *E. coli*, *MRSA*, and *Staphylococcus Aureus*—helps reduce indoor microbial risks.

- **Excellent Stain Washability with Anti-Stain Technology**

Easily cleans off household stains without damaging the finish—ideal for family or high-traffic areas.

- **Superior Adhesion & Coverage with Hi-Build Technology**

Provides strong surface grip and excellent hiding power with smooth, uniform coverage.

- **Minimizes Surface Imperfections**

Excellent flow and levelling help reduce minor blemishes for a cleaner appearance.

- **Certified Green & Safe**

Meets **Singapore Green Label, SIRIM Eco-Label**, and CDPH/LEED standards.

Paint Type	Product Type	Finishing	Recommended Substrate	Pack Size
Water based	Interior	Sheen	Masonry, brick, plastering substrate and fibre board	1 Litre, 5 Litres, 18 Litres

**Composition**

Pigment	: Mainly Titanium Dioxide, Iron Oxide, Carbon Black, Organic Pigments and Mineral Extender
Binder	: Pure Acrylic Emulsion
Thinner	: Water

**Technical Data**

Drying Time	: Touch Dry : 30 minutes (Dependent on temperature and humidity)
	: Hard Dry : 1 hour (Dependent on temperature and humidity)
Recoating Time	: 2 hours (Dependent on temperature and humidity)
Dry Film Thickness	: Around 30 µm per coat (based on substrate condition)
No. of Coats	: 2 coats
Theoretical Coverage	: 9 – 11 m <sup>2</sup> per litre per coat (Actual coverage is dependent on substrate condition, application method, application condition and finishing appearance)

This Technical Data Sheet (TDS) replaces all earlier versions.

For details or to find your nearest Nippon Paint office, visit [nipponpaint.com.my](http://nipponpaint.com.my).

Volume Solid	: ~ 40%
Shelf Life	: Up to 36 months in tight sealed container

### Application Method

Brush / Roller	: Dilute the paint with not more than 5% of water. Preferable not dilute for best performance.
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### Recommended Coating System

Sealer / Primer	: 8200 Premium Interior Sealer / 5200 Interior Sealer / Acrylic 5170 Wall Sealer / Hi-Bond Wall Sealer (on powdery or skim-coated surface)	: 1 Coat
Top Coat	: Odour-less AirCare	: 2 Coats

### Surface Preparation

Remove all loose, defective paint or powdery residues, loose chalk, dust and foreign matter. Repair cracks, uneven surfaces with EasySKIM 5000 All Purpose Joint Compound or suitable fillers. Smoothen the putty / filler areas with sand paper. Surfaces to be painted must be cleaned thoroughly and dry, it must be free from dirt, grease and other foreign matters. Allow all surfaces to dry completely prior to painting. Avoid painting when the moisture content and alkalinity of the walls are still high. (Recommended painting specification requires the moisture content of the walls to be below 16% measured by protimeter and alkalinity of the walls to be below pH9.) Spot prime with Nippon Interior Wall Sealer.

### Cleaning

Clean up equipment with water immediately after use.

### Certificates

Complies to Singapore Green Label and SIRIM Eco-Label

*Certified by: Singapore Environment Council (SEC) and SIRIM QAS*

### Tests

1. **SS150:2015 (Annex A)** on Mildew Resistance Test
2. **JIS Z2801:2000** on Antibacterial Activity and Efficacy Test (E. coli, MRSA and Staphylococcus Aureus)
3. **SS5: Part F5:2003 (2023)** on Wet Scrub Resistance
4. **JC/T 1074-2008** on Indoor air purification function Coating material purification performance
5. **ASTM D5116** on TVOC Test
6. **SGLS Category 032** on Singapore Green Label
7. **ECO 019:2012** on SIRIM ECO Label

### Safety Precautions

- Keep container tightly closed and keep out of reach children or away from food and drink.
- Ensure good ventilation during application and drying.
- When applying paint, it is advisable to wear eye protection.
- In case of contact with eye, rinse with plenty of water immediately and seek medical advice.
- Remove splashes from skin by using soap or water.
- Paint must always be stored in a cool place.
- When transporting paint, care must be taken. Always keep container in a secure upright position.
- Dispose off any paint waste in accordance with the appropriate Environment Quality Regulations.

### Note

\* Theoretical Coverage is based on a mathematical formula

$$\left[ \frac{\text{Volume Solid \%} \times 10}{\text{Dry Film Thickness}} \right] = \text{m}^2/\text{lit}/\text{coat}$$

and does not consider LOSS FACTORS.

Variables like porosity of substrate, application method, dilution ratio, dry film thickness, opacity and so on will affect the loss factor and can vary from 30% - 50% or even more.

#### **Disclaimer**

The information contained in this document is provided to the best of Nippon Paint's knowledge, based on laboratory testing and practical experience. As our products are considered semi-finished goods, their performance may be influenced by conditions beyond Nippon Paint's control. As such, we can only guarantee the quality of the product itself. Minor variations may be introduced to comply with local regulations. Nippon Paint reserves the right to modify the information in this document without prior notice.

Users are encouraged to consult Nippon Paint for specific guidance on the suitability of this product for their intended use and application method.

In case of discrepancies between language versions, the English (United Kingdom) version shall prevail.