



TECHNICAL DATA SHEET



WARRIOR™ MICRO SURFACE SHIELD

Description

Warrior™ Micro Surface Shield is an antiviral product developed by Reinste Nano Ventures Pvt. Ltd. Using Nano silver technology, this product is capable of killing up to 99.99% virus (**as per antiviral test for non absorbent surfaces as per ISO: 21702 against SARS CoV-2**) on **any non-absorbent solid surface**. The tried and tested nano silver technology helps in not only tackling bacteria and fungus, but also helps in fighting viral spread and growth. Its high coverage area per litre and durability over time makes it a better coating than any other product.

Application Areas

It can cover a plethora of **non-absorbent solid surfaces** making it useful in various application areas like:

- 1) Plastics (Tables, chairs, delivery box and packets)
- 2) Glass surfaces (windows, glass tables, mirrors)
- 3) Metal surfaces (stairway railings, gates, door handles)
- 4) Ceramics and various other surfaces (elevator buttons, switches, knobs)
- 5) Stone, Concrete, Brick, terracotta

Benefits

Along with a strong antiviral property, it also provides additional benefits like:

- 1) Hydrophobicity
- 2) **Longer durability time**
- 3) Dirt repellent
- 4) Easy application
- 5) Variety of surfaces covered with one product
- 6) Smooth finish
- 7) Scratch resistance

Product Description

Product Code :

RN-EW3

Product Variants:

RN-EW3-L (Slight grade)

RN-EW3-M (Significant grade)

RN-EW3-H (Strong grade)

Composition:

Epoxy based base coating along with active silver as antiviral agent.

Shelf life:

2 years from day of order

Theoretical Coverage:

150-200 sq.ft./L



Packs Available: 1L, 5L and 20L

Technical information

Appearance: Transparent (may have yellowish tinge depending on grade)
Odour: neutral
Specific gravity: 1.39
Stability: Stable under normal conditions.
Chemical incompatibility: Not established
Hazardous polymerization: Will not occur.
Hazardous decomposition products: Carbon monoxide, Carbon dioxide

Application

Pre-Cleaning steps

- Recommended to use gloves while using this product.
- Clean the surface and make it dry and dirt free.
- Shake the coating well before use.

Coating Application steps

MANUAL AND INDUSTRIAL APPLICATION

- The coating is easy to handle and simple do-it-yourself application makes it easier for end customers to apply it.
- Mix component A and component B together and stir it well for 10 minutes. Use thinner for achieving proper viscosity.
- Pour the mixture in a wide mouth container.
- Use a paint brush or roller to apply it on the surface.
- Let it dry for 24 hours for curing.

Note: Drying and ageing Times time is subject to proper conditions such as temperature and humidity, good airflow and film build of the topcoat

Post Cleaning Care

- Remove any stains over coated surface using micro fiber cloth.
- Remove all dirt using a clean cloth or duster. Always remove dirt from top to bottom, It helps dirt to smudge.
- Do not use any other coating after using Micro Surface Shield.
- Post care will increase the protection time.

Safety Features

- Kindly refer to the MSDS for WARRIOR™ MICRO SURFACE SHIELD which gives detailed information on safety measures while handling the coating.



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- Keep out of reach of children.
- May be harmful if swallowed. In case of ingestion seek immediate medical attention.
- Wear eye protection during application. In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- In case of skin contact immediately wash skin with soap and plenty of water. Get medical attention if irritation develops.
- Avoid inhalation of coating vapour. It is recommended to wear suitable mask during use and preparation.
- Left-over cleaners/containers should not be disposed in soil/drains. Consumers should consult a local recycling agency for proper disposal of paint/drums.

Precautions

- Apply at room temperature.
- Stir well before use.
- Use coating on small surface before using on large surface for test results. (coating may leave a yellowish tinge on the surface)
- Ensure the surface is fully covered/wet by the coating.
- After mixing component A and component B, use the entire mixture or else it will get dry and unfit for use. Use within 3 hours of mixing the components.
- To get best results, mix entire pack of component A and B and use at once.
- This is not a medical product, should not be used on the body.

Storage

- Keep it in dark and cool place
- Could be stored for 24 months in ambient condition and original packing.
- Use within 3 hours of mixing the components.

Disclaimer

" Reinste Nano Ventures Pvt Ltd (REINSTE) warrants to the Buyer that this product is in good quality and conforms to the manufacturer's specifications in force on the date of manufacture and when used in accordance with the installation Instructions and when stored as directed in the technical literature. Manufacturer cannot warrant or guarantee any method of use, performance or application under any particular condition and Buyer is responsible for determining the suitability of intended purpose and assumes all risks therein. REINSTE shall not be liable for any injury, loss, cost of labor or consequential damages either directly, indirectly, or incidentally, arising out of the use or misuse of any product sold by REINSTE or another distributor. If the product is proven to be in nonconformance, the Buyers sole remedy shall be a refund of the purchase price or replacement of the product This is not a medical device & for use only as a paint/ coating, does not guarantee against infections and is not a cure."

For Technical/Application support, contact us:

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