

Pre Cleaner

Technical Data Sheet

1 Description

Nanoman Pre Cleaner is a powerful cleaner that thoroughly cleans and evaporates moisture from surfaces that are to be coated with Nanoman coatings.

The cleaning and preparation of surfaces prior to the application of nano coatings is essential in achieving the most effective results.

Nanoman Pre Cleaner should be used to thoroughly clean non porous surfaces such as Glass, Ceramics, Stainless Steel and Metal prior to the application of the nano coatings. It is a highly effective cleaner and removes dirt remains like oil, grease, smoke, nicotine, soot, wax, and grime from almost any non porous surface.

For surfaces that are badly stained or marked a chemical cleaner and scrubbing may be required to remove stains built up over time, however this should be followed with the use of Nanoman Pre Cleaner to ensure the surface to be treated is free from containments prior to applying Nanoman nano coatings.

Nanoman Pre-Cleaner is also very effective at killing germs, bacteria and viruses. Nanoman Pre Cleaner is a simple carbon, hydrogen, and oxygen combination, making it non-toxic and safe in many environments This type of cleaner is widely used in hospitals and commercial buildings, to clean and sanitise

2 Features and Benefits

- Powerful clean
- Fast acting
- Non abrasive
- Prepares surface for nano coating.
- Powerful cleaner which effectively kills germs, bacteria and viruses.
- Quick evaporation.

3 Application

Use as a Pre Cleaner on the following surfaces before the application of the appropriate Nanoman nano coating:

- Glass
- Windows
- Ceramic Tiles
- Showers Screen
- Stainless Steel
- Metal
- Any other surface that requires pre cleaning, such as solar panels.

.Apart from its use as a pre cleaner for surfaces to be treated with nano sealants it is also an ideal cleaner in harsh environments such as industrial kitchens Its quick evaporation is also a beneficial feature, making it perfect cleanser for sensitive electronic or robotic equipment in manufacturing facilities



Any surface that requires pre cleaning, such as solar panels.
** Do NOT use on glass tinted with film or any porous surface.

4 Directions for Use

Working in a well ventilated area, liberally spray Nanoman Pre Cleaner to a small area to be cleaned of approximately 40cm x 40cm. Using a clean cloth scrub the sprayed area using light to moderate pressure to remove dirt and contaminants. Continue to until all dirt is removed and no streaks are visible on the cleaned surface. Repeat until the entire area to be treated with Nanoman coatings clean. For old or very dirty areas a second clean repeating the above steps may be required.

After cleaning with Nanoman Pre Cleaner the surface should be dry in 30 minutes as the cleaner is quick evaporating. After using Nanoman Pre Cleaner, ensure the surface is completely dry (and dirt free) before applying one of the Nanoman nano sealants.

Nanoman Pre Cleaner is available in retail and commercial bottles sizes, and is designed for use by both consumers, professional and industrial users alike. You don't need to be an expert to apply the products. Comes with simple to follow instructions and it is quick and easy to apply.

Specific application instructions:

- The wearing of gloves is recommended.
- Shake bottle before use.
- Ensure surface is dry before applying our pre cleaner.
- Spray onto surface and use a clean cloth to thoroughly wipe the surface clean.
- The surface is now ready for coating with Nanoman Protective Coating.

Cautions

- Do not thin. Shake contents thoroughly prior to use.
- For best results, apply in the shade and out of direct sunlight.
- Apply in a dust-free environment to avoid surface contamination.
- Do not use on porous surfaces.
- Do not use on glass tinted with film.
- Do not mix with other chemicals or water.

Working Conditions:

- The wearing of protective gloves/protective clothing/eye protection/face protection is recommended when using this product. Final choice of personal protective equipment will depend upon individual circumstances and/or according to risk assessments undertaken.
- Consult SDS for proper handling, clean-up, disposal, and use of personal protective equipment.
- Please ensure the area being treated is well ventilated.
- Avoid breathing in spray.
- Keep away from sources of ignition.
- Avoid contact with skin and eyes
- Ensure the area you are cleaning is well ventilated.
- Store in a sealed container and keep away from children.



- Clean equipment immediately after using.
- Protection of adjacent porous areas from overspray and runoff is recommended but not necessary for non-porous surfaces.
- Ensure any overspray be wiped off adjacent with a dry cloth as soon as possible

5 Coverage / Usage

Usage is dependent upon how dirty or soiled the surface to be cleaned is. As a general guide usage is usually expected to be 60-80ml/M²

6 Cure Time

After using Nanoman Pre Cleaner, ensure the surface is completely dry (and dirt free) before applying one of the Nanoman nano sealants. After cleaning with Nanoman Pre Cleaner the surface should be dry in 15 to 30 minutes as the cleaner is quick evaporating.

7 Physical Properties

Form:	Liquid
Colour:	Colourless
Odour:	Alcohol like
Freezing Point:	-89.5°C
Boiling Point:	82.4°C
Specific Gravity:	0.789
Auto ignition temp:	455.6°C
Thinning:	not required
Handling:	refer SDS

8 Packaging

Nanoman Pre Cleaner is available in the following sizes:

- 250ml, 750ml, 1L bottles with application sprayer
- 1L, 2L, 5L, 10L, 20L.

9 Shelf Life and Storage

- Store in its sealed container and keep away from children.
- Unopened original containers can be stored for up to 2 years.
- Used/opened containers can be stored for approximately 12 months.
- Recommended storage and transport temperature: +5 to +25°C.
- Store out of direct sunlight and in a dry and preferably dark environment.



10 Safety Instructions

The instructions on the Nanoman Pre Cleaner Safety Data Sheet must always be followed.

- The wearing of gloves is recommended.
- Please ensure the area being treated is well ventilated.
- Avoid breathing fume/gas/mist/ vapours/spray.
- Store in a sealed container and keep away from children.
- In the event of eye contact, wash out immediately with cold water. Seek medical advice if necessary.
- Do not swallow.
- Avoid applying in windy conditions.
- Wash hands after application
- Highly flammable, do not store in hot conditions or apply to hot surfaces.
- Keep ignition sources away – Do not smoke
- Keep out of reach of children.

** This product contains Isopropanol and so appropriate care should be taken when transporting. Please refer to product SDS for further details on handling and transporting.

11 Disclaimer

The information provided in this Technical Data Sheet (TDS) including the recommendations for use and application of the product are based on our knowledge and experience of the product as at the date of this TDS. Users should satisfy themselves that it is suitable for their needs. The product can have a variety of different applications as well as differing application and working conditions in your environment that are beyond our control. As we cannot control or anticipate the conditions under which this product may be used, each user should review the information in specific context of the planned use. To the maximum extent permitted by law, Nanotech Products Pty Ltd will not be responsible for damages of any nature resulting from the use or reliance upon the information contained in this data sheet. No express or implied warranties are given other than those implied mandatory by law.

Users should always refer to the most recent issue of the Technical Data Sheet available from www.nanoman.com.au

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