

Nano-hybrid metal cleaner and protection

DESCRIPTION

NH 2015 is a special product for the care and maintenance of stainless steel and other metal surfaces. NH 2015 is a combination nanotechnology hybrid product where the surface preparation is included in the protective solution. It is not a sealer that forms a coating. The product repels water and prevents adherence of foreign matter on the surface. (Easy to Clean/self-cleaning effect). An ultra-thin and invisible treatment is applied to the substrate surface. Due to the hydrophobic effect there is only a weak bond between dirt and the substrate which results in an easy to clean metal surface.

The abrasive component clean and remove all dirt and contaminations during the application.

The protective components adheres directly to the substrate molecules. The NH 2015 protection enters the microscopical irregular surface structure of the metal and provides a much longer lasting effect than conventional product solutions.

RECOMMENDED FOR METAL CARE

Brown discoloration or Tea staining of stainless steel in a coastal environment is a common problem in Australia and overseas.

NH 2015 Metal is a product for the removal of stubborn tea stains, oxidations and contaminations from uncoated metal surfaces like stainless steel.

The abrasive blend makes it easy to remove all stains and the hydrophobic active substance provides a long lasting, ultra thin protection and a durable easy to clean surface effect.

Stainless steel and other metals will stay shiny and protected even at harsh marine environments or in areas with high pollution or dust levels.

Older and contaminated surfaces can be brought back to the original conditions.

Water runs off easily from the treated surface. The protective effect last up to 2 years, and show increasing life span with periodical application. During this time all contaminations can be wiped off with a wet cloth.

FEATURES & BENEFITS

- Economical and long lasting
- Excellent protection for new surfaces
- Restoring of old and contaminated substrates
- Increasing effect with periodical application
- Non toxic, water based
- Water and dirt repelling
- Easy to clean/self cleaning effect

SPECIFICATIONS

Supply form	Liquid
Colour	Beige
Density	Approx 1.2
Solvents	< water
Flashpoint	N/A
Storage temperature	Not below 4°C /39°F
Application temperature	4 to 35 °C / 39 to 86°F

SURFACE PREPARATION

Please remove loose dirt which could cause scratches.

NH 2015 can be applied directly on to the metal surface without further preparation. NH 2015 can be used to remove soiling and oxidation of stainless steel and to remove patina from cooper and black oxidation from silver.

APPLICATION

Do not dilute the product. Apply a small amount on a micro fibre cloth and use a polishing motion to remove all contaminations.

After the removal of all visible dirt and contamination let NH 2015 settle for 5 -10 minutes. Now use a soft and dry micro fiber cloth and remove all remains of the product.

The product can also be used with a buffing machine or a polishing pad. Depending on the substrate the product can be applied on to the pad or on to the substrate.

On small areas and smooth surfaces NH 2015 can be wiped on with a micro fiber towel or a lamp wool hand pad. Alternative the product can be applied directly on to a cloth and wiped on to the surface.

For the application and if there are already stains and corrosion on the substrate, a rather rough cloth should be used.

On new surfaces, apply the product as described before with a micro fiber cloth and after 5 -10 minutes remove all residues with a different dry soft cloth.

During the application, the metal will become very smooth and shinny.

The product should not be applied in wet weather. After 24 hours the optimal protective effect is reached. The treated surface is rainproof after 10 minutes.

Heavy stained and corroded stainless steel may require several cleaning cycles to remove the tea staining.

NH 2015 metal protection



CURING

A actual curing time is not required.
After 24 hours the optimal protective effect is reached. The treated surface is rainproof after 30 minutes.

CONSUMPTION

Consumption is between 15 and 40 ml a square metre depending on the conditions of the substrates and the metal finish. Brushed stainless steel will take up more than polished substrates.
25 - 60 square meter per litre (180 – 540 square foot)
Consumption rate is a guideline only.

CLEANING

Tools should be cleaned with clean water after use.

PACKAGING STORAGE

250 ml bottles, 1 liter Jerry cans

NH 2015 can be stored in the original sealed packaging for at least 12 months. Storage conditions should be dry and cool.

Storage and handling and additional information, refer to the Safety Data Sheet.

PRECAUTIONS

READ ALL SAFETY DIRECTIONS AND WARNINGS ON PACKAGING LABEL BEFORE USE. REFER TO MATERIAL SAFETY DATA SHEET FOR HANDLING PROCEDURES.

NH 2015 is not classified as dangerous goods.
Abrasives can be irritating.
Adequate protective personal equipment should be used.

Please read the Safety Data Sheet.

The information, and, in particular, the recommendations relating to the application and end-use of the products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

Technical information and services are freely available from the Web site www.nanovations.com.au

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