



FICHA TÉCNICA

Producto: **Protector/Limpiador de Metales NH2015**

DESCRIPCIÓN: Es un restaurador y nano protector de metales para acero inoxidable satinado y brillante, bronce, aluminio, metales cromados y otros metales no ferrosos como la plata. Elimina toda la suciedad y las manchas, creando un aspecto limpio y brillante con características de repelencia al agua (efecto súper-hidrófobo), mediante un revestimiento de tan solo unos pocos nanómetros de espesor superficial invisible a la vista. Sella los poros del metal previniendo así la mancha de té. Con una duración de más de 2 años con una sola aplicación

CÓDIGO: NANO47-NH2015(1L)



Marca: Carbone Nanotechnology

Composicion: abrasivos con una mezcla activa

hidrofóbica a escala nanométrica

Color: Amarillo lechoso

Volumen: 1 L.

Para Superficies: barandas de acero inoxidable

brillantes y satinadas sobretodo en áreas costeras,

griferías de baño, rines, herrajes de vidrio y de fachadas,

ascensores, neveras, estufas, letreros, aluminio,

anodizado, bronce, yates, barcos, restaurantes, hoteles,

hospitales, Industria alimenticia.

Temperatura de Almacenamiento: +22° C

Metodo de aplicacion: con moderación a su superficie

metálica utilizando un paño de algodón o paño de

microfibra.

Rango de Consumo: 1 litro puede cubrir 100 m² de

superficie

Procedencia: Australia

NH 2015 Metal



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, aluminum and other uncoated metals.

A special formulated abrasive blend makes it easy to remove all stains . The nano scale hydrohobic active substance provide 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.

The product can be applied directly to the substrate to be cleaned or to be protected, without further preparation. Low consumption between 20 and 50 ml a square metre depending on the conditions of the substrates.

20- 60 square meter per litre (180 – 540 square foot)



NH 2015 benefits

- ┐ For any metal surface
- ┐ Low consumption
- ┐ Easy to apply
- ┐ Excellent stain removal
- ┐ simple to maintain , easy re-application
- ┐ Economical use
- ┐ Excellent long term protection
- ┐ Reduces dirt adherence.
- ┐ Significant reduces the maintenance time and costs.
- ┐ Easy to clean.

Chemical characteristic	Water based – abrasive metal cleaner
Active components	abrasives with Nano-scale hydrophobic active blend
Colour	Milky yellow
Gloss factor	N / A
Curing	The hydrophobic properties appear after 30 minutes
Viscosity	N/A
Specific. weight	1.1 kg / l
Hazard warning signs	Irritant liquid , abrasive
Transport requirement/ class	Not classified as dangerous goods
Waste disposal	The product must be disposed in accordance with national regulations.
Storage conditions	Original containers min. 12 month at +22°C avoid hot storage conditions
Packaging	1 liter , 5 liter , 20 liter
Application	undiluted wipe on , polishing
Consumption rate	20 –ml square metre (appr.9 square foot)
Tool cleaning	water,
Environmental precautions	N/A
Safety precautions	Read all safety directions and warnings on the packaging and MSDS
OH&S	Refer the safety-relevant guidelines .

APPLICATION DIRECTIONS

Surface preparation	The surface must be dry.
Application Directions	<p>Apply evenly with micro fiber cloth and polish until metal is clean and shiny.</p> <p>Remove excess product during or directly after the application with soft cloth.</p>

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.

Material Safety Data Sheet

Section 1. Chemical Product and Company Identification

PRODUCT NAME: NH 2015, Cleaning and Polishing Product

SUPPLIER: Sydney ,
Australia

Section 2. Composition, Information on Ingrédients

Name	CAS	%		R-phrases
Aliphatics	64742-88-7	1-2 %	Xn	65, 66
Polydimethylsiloxane	102782-97-8	3-5%	Xi	36,38
Crystalline Silica	7631-89-9	20 -40%	-	-

Section 3. Hazard Identification

Physical state Liquid.
Color Milky beige
Emergency Overview No special dangers admits

POTENTIAL HEALTH EFFECTS Irritating to the eye
Do not generate dust

Classification

Classification according to EWG listings , chemical literature and company information.

See Toxicological Information (section 11)

Section 4. First Aid Measures

Eye Contact	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs.
Skin Contact	In case of contact, flush skin with plenty of water and soap..
Inhalation	Do not create dust – wear dust mask
Ingestion	Do NOT induce vomiting unless directed to do so by medical personnel. If large quantities of this material are swallowed, call a physician immediately.

Section 5. Fire Fighting Measures

Flammability of the Product	Non Flammable
Auto ignition Temperature	Not applicable.
Flash Points Flammable Limits	Not applicable.
Products of Combustion	None
Unusual fire/explosion hazards	Not applicable.
Fire Fighting Media and Instructions	Use extinguishing media appropriate for surrounding fire. Not applicable

Section 6. Accidental Release Measures

Large Spill and Leak	Small quantities can be mopped or wiped up with rags. Large quantities should be directed to collecting basin or drain with dikes or swabs.. For small spills add absorbent (soil may be used in the absence of other suitable materials)
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Section 7. Handling and Storage

Handling	Keep container closed. Store out of direct sunlight.
Storage	Suitable for any general chemical storage area. Protect from freezing. Store at cool and dry place. Keep away from food

Section 8. Exposure Controls, Personal Protection**Engineering Controls**Non required
Gloves

Safety goggles.

Personal Protection

Eyes Avoid contact with eyes. Wear protective Goggles
Skin and Body Avoid longer contact with skin.
Respiratory Do not create dust. Wear dust mask
Hands Wear gloves

Section 9. Physical and Chemical Properties

Physical state	Liquid.	Odor	nearly odorless
flash point:	N/A		
pH	~ 2.5- 3	Color	milky beige
Boiling/Condensation	N/A		
Point Melting/Freezing	0°C (32°F) based on data for water		
Point Specific Gravity	~1,2 g/cm³ (Water = 1)		
Vapor Pressure Vapor Density	Not available.		
Odor Threshold	N/A		
Evaporation Rate	N/A		
LogK_{ow}	N/A		
Dispersion			
Solubility	Soluble in water.		

Section 10. Stability and Reactivity

Stability and Reactivity The product is stable.

Conditions to avoid Temperature extremes. Avoid Frost

Incompatibility with N/A

Section 11. Toxicological Information

Acute toxicity	:	No Information
LD/LC50		
	N/A	
Skin:	Irritating	
Eyes	Irritating	
Sensitisation:	The material is not sensitising	
Additional info	N/A	

Section 12. Ecological Information

Eco-toxicity	class 1 slightly harmful to aquatic organisms.
Persistence Potential	This product is readily biodegradable.

Section 13. Disposal Considerations

Waste Information	Waste must be disposed of in accordance with federal, state and local environmental control regulations.
Consult your local or regional authorities.	

Section 14. Transport Information

The product is not classified as dangerous goods.
Hazard warning not required for Air , Sea or Road transport

14.1 Road transport:	No Restrictions	Hazard warning not required
14.2 Sea transport:	No Restrictions	Hazard warning not required
14.3 Air transport:	No Restrictions	Hazard warning not required

Section 15. Regulatory Information

U.S. Regulations	US INVENTORY (TSCA): Listed on inventory.
Other Regulations	AUSTRALIAN INVENTORY (AICS): inventory. CANADA INVENTORY (DSL): Listed on inventory. CHINA INVENTORY (IECS): Listed on inventory. EC INVENTORY (EINECS/ELINCS): Listed on inventory. JAPAN INVENTORY (ENCS): Listed on inventory. KOREA INVENTORY (ECL): Listed on inventory. Australian Hazchem Code: No information found.

Section 16. Other Information**Label Requirements****R-phrases and S-phrases**

R36: Eye irritation

R38: Skin irritation

R65: Harmful: may cause lung damage if swallowed

R66: Repeated exposure may cause skin dryness or cracking

(S2): Keep out of the reach of children

S29: Do not empty into drains

Section 17. Disclaimer

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.