

NANOCOAT METAL 2 IN 1

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name	NanoCoat Metal 2 in 1
Product Code	-
Other Names	-
Product Use	Cleaning and protecting stainless steel against environmental impacts such as rain and salt.
Importer Name	International Trading & Consulting Pty Ltd
Address	Unit 4 Platinum Business Park 34-36 Ralph Street Alexandria NSW 2015
Telephone Number	02 9669 3555
Emergency Telephone	02 9669 3555

2. HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE. DANGEROUS GOODS.
Classified as hazardous according to the criteria of ASCC.

Hazards	T - Toxic F - Flammable
Risk Phrases	R11 - Highly flammable. R43 - May cause sensitisation by skin contact. R45 - May cause cancer R48/20/21/22 - Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.
Safety Phrases	S2 - Keep out of reach of children S16 - Keep away from sources of ignition - No smoking. S23 - Do not breathe vapour. S24/25 - Avoid contact with skin and eyes. S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the MSDS/label where possible) S53 - Avoid exposure-obtain special instructions before use.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient (common name)	CAS Number	Proportion
Siloxane and silicone, dimethyl, 3-(oxiranylmethoxy)propyl terminated	102782-97-8	1-5%
Naphtha (mineral oil), low boiling	64742-48-9	1-5%

Hexamethyldisiloxane	68425-47-8	1-5%
Quartz	14808-60-7	10-20%
Ingredients deemed not to be hazardous	proprietary	to 100%

4. FIRST AID MEASURES

Inhalation	Move to fresh air. Apply CPR if victim is not breathing. Administer oxygen if breathing is difficult. Remove contaminated clothing and loosen remaining clothing. Seek immediate medical attention.
Ingestion	Wash out mouth with water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.
Skin	Wash immediately with soap and water. Seek medical attention if symptoms persist.
Eyes	Launder any contaminated clothing before re-use. Flush eyes with large amounts of water for 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Seek medical attention if symptoms persist.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	For major fires call the Fire Brigade. Ensure that an escape path is available from any fire. Water jet, foam, dry chemical or CO ₂ .
Hazardous Combustion Products	Organic crack products, carbon oxides and inorganic dust.
Firefighting Equipment	Wear ASCC approved self-contained breathing apparatus and full protective clothing.
Unusual Fire or Explosion Hazards	The product forms flammable vapours when heated.
Hazchem Code	3[Y]E

6. ACCIDENTAL RELEASE MEASURES

Spills	There is a high risk of slipping due to leakage of product. Contain large spills with absorbent material such as earth, sand or vermiculite. Sweep up and shovel spilled material into labelled containers for disposal. Do not discharge the material into drains, waterways or rivers. Do not use equipment in clean-up procedure which may produce sparks.
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7. HANDLING AND STORAGE

Handling	Avoid contact with eyes and skin. Do not inhale vapours. Do not eat, drink or smoke during application. Take off contaminated clothing immediately.
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Storage Store in the original packaging, in cool, well ventilated area. Keep container tightly closed. Close container straight after use. Apply only with sufficient ventilation.
The floor must be resistant against solvents. Store away from explosive substances and oxidizers. Protect from sun, warming up and overheating.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Standards (ASCC)	Quartz: TWA: -ppm / 0.1mg/m ³ STEL:-ppm / -mg/m ³
Engineering Controls	Use local exhaust ventilation.
Respiratory Protection	Respiratory protection is not normally necessary.
Eye Protection	To prevent eye contact, wear eye protection such as tightly fitting safety goggles.
Skin Protection	To prevent skin contact wear gloves (solvent resistant – butyl, permeation time >4 h) and light protective clothing.
Hygienic Practices	Wash hands, face immediately after working with this product and before eating, smoking or using lavatory facilities. Eye wash stations must be readily available within work area.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Milky white liquid
Odour	Almost odourless
Solubility in water	Partially miscible; soluble in organic solvents
Boiling Point	No information available
Freezing Point	No information available
Vapour Pressure	No information available
Density (g/mL)	1.1
Viscosity	No information available
Solvent content (m%)	<5%
pH (1% aqueous solution)	2.5
Flash Point	23°C
Flammable Limit – Lower	No information available
Flammable Limit – Upper	No information available

10. STABILITY AND REACTIVITY

Chemical Stability	No information available.
Incompatible Materials	Strong oxidizing agents.
Hazardous Decomposition Products	No information available.
Hazardous Polymerization Conditions to Avoid	No information available. Sparks, flame, static charge.

11. TOXICOLOGICAL INFORMATION

Toxicity	<p>Hexamethyldisiloxane: Inhalation LC₅₀ (rat) = 16000 – 4 h</p> <p>Naphtha (mineral oil), low boiling: Acute oral LD₅₀(rat) > 2000 mg/kg</p>
Routes of Exposure	Inhalation, ingestion, eye and skin
Health effects from likely routes of exposure	<p>Inhalation: Vapours may cause drowsiness and dizziness. Danger of aspiration when vomiting.</p> <p>Ingestion: Harmful if ingested.</p> <p>Eye: May cause eye irritation.</p> <p>Skin: May cause skin sensitisation by skin contact.</p>
Effects of Overexposure	<p>Repeated exposure may cause skin dryness or cracking.</p> <p>Harmful: danger of serious damage to health by prolonged exposure through inhalation, in contact with skin and if swallowed.</p>
Existing Conditions Aggravated by Exposure	No information available.
Carcinogenicity	Naphtha (mineral oil), low boiling, an ingredient of this product, is a category 2 carcinogen (suspected of being carcinogenic to humans).

12. ECOLOGICAL INFORMATION

Ecotoxicity	Do not discharge the material into drains, waterways or rivers.
Mobility	No information available.

13. DISPOSAL CONSIDERATIONS

Disposal methods and containers	Dispose of according to applicable local and state government regulations.
Special precautions for landfill or incineration	Please consult your state Land Waste Management Authority for more information

14. TRANSPORT INFORMATION

Classified as a dangerous good according to the Australian Code for the Transport of Dangerous goods by road or rail.

UN Number	1993
Proper Shipping Name	FLAMMABLE LIQUID, N.O.S. (Hexamethyldisiloxane-Mixture)
Dangerous Goods Class	3
Hazchem Code	3[Y]E
Packing Group	III
Special Precautions	Not applicable

15. REGULATORY INFORMATION

Siloxane and silicone, dimethyl, 3- (oxiranylmethoxy)propyl terminated, naphtha (mineral oil), low boiling, hexamethyldisiloxane and quartz are listed in the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Last Revision of MSDS Rev 1.0 (08/04/2009)
Prepared by MSDS.COM.AU Pty Ltd www.msds.com.au
Abbreviations Used ASCC: Australian Safety and Compensation Council
IARC: International Agency for Research on Cancer
NTP: National Toxicology Program (U.S.)
OSHA: Occupational Safety and Health Administration (U.S.)
STEL: Short term exposure limit
TWA: Time weighted average

Emergency Contacts

International Trading & Consulting Pty Ltd	02 9669 3555
International Trading & Consulting Pty Ltd – Emergency Number	02 9669 3555
Police and Fire Brigade	000
Poisons Information Centre	13 11 26

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Please read instructions / label before using product.