

Date of issue: 11 October 2018
Revised by: Simonne Moses - HSNO Consultant SDS No: 1

Safety Data Sheet

Neptune OneCoat

Classified as: Non-hazardous according to the EPA Hazardous Substances
(Minimum Degrees of Hazard) Notice 2017.

Section 1: SUBSTANCE AND SUPPLIER DETAILS

Product Name: Neptune OneCoat

Supplier: Neptune Pacific Ltd
B2, 39 Arrenway Drive
Rosedale
Auckland 0632
New Zealand

Phone: +64 (9) 415 4469

Email: info@neptunepacific.co.nz

Recommended Use: Coating

In Case of Emergency Contact:

CHEMCALL: 0800 CHEMCALL (243 622)
In Australia 1800 127 406
Globally +64 4 917 9888

Section 2: HAZARDS IDENTIFICATION

Neptune OneCoat is not classified as a Dangerous Good for Transport.

Neptune OneCoat is not classified as hazardous according to criteria in the EPA Hazardous Substances (Minimum Degrees of Hazards) Notice 2017.

HSNO APPROVAL NUMBER: **Not applicable**

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HSNO CLASSIFICATIONS: None

GHS Classification: None

Hazard Statements: None

GHS Pictograms: None

DISPOSAL

In accordance with the EPA Hazardous Substances (Disposal) Notice 2017. Refer to Section 13 of this SDS.

Section 3: COMPOSITION / INFORMATION ON INGREDIENTS

| Main Component | CAS Number | Concentration |
|-------------------|------------|---------------|
| Acrylic Copolymer | Mixture | 45 – 55 % |
| Titanium Dioxide | 13463-67-7 | 3 – 7 % |
| Limestone | 1317-65-3 | 25 - 35 % |

Acrylic Copolymer has been determined to be non-hazardous. There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Section 4: FIRST AID MEASURES

If Inhaled: Remove to fresh air. Seek medical attention if symptoms develop and persist.

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In Contact with Eye: Hold eyes open, flush with water for at least 15 minutes. Seek medical attention if irritation develops and persists.

In Contact with Skin: Wash skin with plenty of water, while removing contaminated clothing and shoes. Wash contaminated clothing before re-use. Seek medical attention if skin irritation develops and persists.

If Swallowed: DO NOT INDUCE VOMITING. Rinse mouth. Give small quantities of water. Never give anything by mouth to an unconscious person. Seek medical attention if symptoms develop and persist. If vomiting occurs, keep head below hips to prevent aspiration to lungs.

Advice to Doctor: Treat symptomatically.

Section 5: FIRE FIGHTING MEASURES

Fire/Explosion Hazard: Product is not flammable or combustible.

Suitable Extinguishing Media: Use extinguishant suitable for surrounding fire.

Precautions in Connection with Fire: May give off noxious fumes in a fire containing oxides of carbon.

Advice for firefighters: Wear full firefighting gear and self-contained breathing apparatus. Remove any containers out of the path of the fire if safe to do so. Contain fire water.

Section 6: ACCIDENTAL RELEASE MEASURES

An emergency response plan is not required under Part 5 of the Health and Safety at Work (Hazardous Substances) Regulations 2017.

Precautions: Clear area of all unprotected personnel. Keep unnecessary and unprotected

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personnel from entering area.

Suitable Protective Equipment: Emergency responders must use personal protective equipment, including gloves, and safety glasses. Respiratory protection is not normally required.

Spill or Leak Procedures. Absorb the spill with absorbent material (sand, soil, clay). Shovel up spills and place in a suitable, closable chemical waste container. Ensure waste container is properly labelled.

Waste Disposal Methods: Dispose of as per Section 13.

Emergency preparation: Ensure there is appropriate and adequate personal protective equipment, trained personnel and clean up materials for management of accidental release.

Section 7: HANDLING AND STORAGE

Precautions for Safe Handling: Do not eat drink or smoke when using this product. Remove contaminated clothing and wash hands and face before entering eating areas.

Storage: Keep container closed when not in use. Store in a cool, dry, well-ventilated area.

Site Storage Requirements: Site Signage is not required.

Section 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Workplace Exposure Standards NZ: No Workplace Exposure Standard have been set for the product.
Workplace Exposure Standards have been set for the following ingredients:

Titanium dioxide (CAS 13463-67-7):
TWA 10 mg/m³

Engineering Controls: Not normally required during typical handling and use. Main workplace exposure is to nuisance dust which may be an issue if exposed to the dried product.

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Personal Protective Equipment:

Hand protection: Wear protective gloves. Refer to Australian and New Zealand Standard AS/NZS 2161 for protective gloves.

Skin and body protection: Use protective clothing. Wash work clothes regularly. Refer to Australian and New Zealand Standard AS/NZS 4501 for occupational protective clothing.

Eye protection: Use safety glasses with side shields or safety goggles to protect eyes. Refer to AS/NZS 1336 for suitable eye and face protection.

Respiratory protection: Not normally required for application of liquid product. May be required when handling dried product. Refer to AS/NZS 1715 and AS/NZS 1716 for suitable respiratory protection. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Other information: PPE selected must be impervious to the substance. Do not eat, smoke or drink where material is handled, processed or stored. Wash hands carefully before eating or smoking. Handle in accordance with safe industrial hygiene practices.

Section 9: PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|-----------------------------------|-------------------------------|----------------------------------|-----------------------------|
| Description: | Liquid | Colour: | White |
| Odour: | None | Odour Threshold: | Not available |
| pH: | 8 – 9 | Solubility: | Completely soluble in water |
| Melting Point: | Not determined | Boiling range: | 73 – 255°C |
| Flammability: | Non-flammable | Flash Point (Closed Cup): | Not applicable |
| UEL/LEL: | Not applicable | Bulk Density: | Not applicable |
| Relative Density: | 1.30 - 1.36 g/cm ³ | Vapour Density: | Not determined |
| Vapour pressure (at 25°C): | Not determined | Viscosity: | Not determined |

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| | | | |
|--------------------------------------|----------------|--------------------|----------------|
| Decomposition Temp: | Not available | Autoignition Temp: | Not determined |
| Octanol/Water Partition Coefficient: | Not determined | Evaporation Rate: | Not determined |
| Volatile Organic Compounds: | 6.34 g/L | | |

Section 10: STABILITY AND REACTIVITY

Stability: Stable under normal storage conditions.

Reactivity: Under normal conditions of storage and use, not expected to cause any adverse reactions.

Conditions to Avoid: Excessive heat, direct sunlight.

Incompatibility: Keep away from metal salts.

Section 11: TOXICOLOGICAL INFORMATION

Acute Exposure

Acute Toxicity: LD₅₀ oral > 5000 mg/kg
LD₅₀ dermal > 5000 mg/kg
LC₅₀ inhalation (mist/aerosol) > 5.0 mg/L

Inhalation: Not expected to cause toxic effects.

Ingestion: Not expected to cause toxic effects.

Skin Contact: Not expected to be a skin irritant.

Eye Contact: Not expected to be an eye irritant.

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Sensitiser: Not expected to be a respiratory or contact sensitiser.

Chronic Exposure:

Mutagen/Carcinogen/Reproductive Toxicant No known effects.

Specific Target Organ Systemic Toxicity: No known effects.

Toxicity data is based on hazardous ingredient information and information in the EPA Chemical Classification and Identification Database.

Section 12: ECOLOGICAL INFORMATION

Ecotoxicity: Product is not environmentally hazardous.

Persistence/degradability: Not determined

Bio-accumulation: Not determined.

Mobility: Product is completely soluble in water.

Ecotoxicity data is based on hazardous ingredient information.

Section 13: DISPOSAL CONSIDERATIONS

Disposal: Dispose of waste product via an approved waste disposal contractor.

Disposal of Packaging: Dispose of packaging via an approved waste disposal contractor.

Section 14: TRANSPORT INFORMATION

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Neptune OneCoat is not classified as a Dangerous Good for transport in accordance with NZS5433:2012, IMDG or IATA.

UN Number: N/A
Proper Shipping Name: N/A
Class and Subsidiary Risk: N/A
Packing Group: N/A
Marine Pollutant: No
EmS Code: N/A

Additional Information: None allocated

Ensure transportation methods prevent leakage from packages and collapsing loads.

Section 15: REGULATORY INFORMATION

Group Standard Allocation: Not applicable

HSNO Approval Code: Not applicable

HSNO Classifications: None

| | | |
|--------------------------|-------------------------|-----|
| This substance triggers: | Compliance Certificate | N/A |
| | Certified Handler | N/A |
| | Emergency Response Plan | N/A |
| | Secondary Containment | N/A |
| | Signage | N/A |

This substance is not required to be Tracked. All workplace personnel handling this substance are required to be trained on the safe handling and PPE requirements for the hazards associated with this substance.

Section 16: OTHER INFORMATION

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The information provided in this Safety Data Sheet relates only to the specific material designated herein. This Safety Data Sheet summarises our best knowledge of the health and safety hazard information of the product and how to safely handle the product in the workplace. Each user should read this SDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products.

This substance is non-hazardous. All reasonable care has been taken to ensure that the information and advice contained herein are from sources believed to be reliable and to represent the most up-to-date knowledge available at the date given in Section 16. No liability is assumed for any damages related to the use or misuse of this substance.

All chemical materials may present unknown hazards as people have varying degrees of sensitivity to chemicals. Therefore, this product should be used with caution. The information herein is given in good faith, but no warranty, express or implied is made.

SDS Issued: 11/10/2018

Reason for Revision: Update to New Zealand regulatory requirements.

References:

EPA NZ Chemical Classification and Information Database
Supplier SDS – ASC X One Coat

END OF SAFETY DATA SHEET