



Date of issue: 19.04.18

NZ Safety Data Sheet

1. Identification of the Substance/Mixture and Supplier.

Product Name:	NURAFLUX PRIMER QD
Uses:	Bitumen primer
Supplier:	Nuralite Waterproofing Ltd 60D Leon Leicester Avenue Mt Wellington Auckland 1060 New Zealand.
Telephone:	+64 9 579 2046
Web:	www.nuralite.co.nz
Emergency Telephone:	027 5350899 (General Manager) – 24 hrs
National Poisons Centre Tel:	0800 POISON (0800 764766) – 24 hrs

2. Hazards Identification.

Hazardous Status: Classified as hazardous according to the criteria of HSNO.

DG Status: Classified as Dangerous Goods according to NZS5433

HAZARD CLASSIFICATIONS		HAZARD STATEMENTS	GHS Pictogram
HSNO	GHS Equivalent		
3.1C	Flammable liquids, Cat 3	H226 Flammable liquid and vapour.	
6.1E (aspiration)	Aspiration hazard, Cat 1	H304 May be fatal if swallowed and enters airways.	
6.9B (single exposure)	STOT-SE, Cat 3	H336 May cause drowsiness or dizziness.	
9.1C	Aquatic toxicity (Chronic), Cat 3	H412 Harmful to aquatic life with long lasting effects.	

Signal Word: DANGER

PREVENTION STATEMENTS

P102	Keep out of reach of children.
P103	Read label before use.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing mist/vapours/spray.
P271	Use only outdoors or in a well ventilated area.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

RESPONSE STATEMENTS

P370 + P378	In case of fire: Use foam, carbon dioxide or dry chemical powder for extinction.
P101	If medical advice is needed, have product container or label at hand.
P301 + P310	IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician.
P331	Do NOT induce vomiting.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

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P312	Call a POISON CENTER or doctor/physician if you feel unwell.	
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.	
STORAGE STATEMENTS		
P403 + P235	Store in a well-ventilated place. Keep cool.	
P233	Keep container tightly closed.	
P405	Store locked up.	
DISPOSAL STATEMENTS		
P501	Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information.	
3. Composition/Information on Ingredients.		
Chemical Entity	CAS Number	Proportion %w/w
Hydrocarbons, C9-C10, n-alkanes, iso-alkanes, cyclics, <2% aromatics	1174921-73-3	50-75
Balance of ingredients: Non-hazardous, or below the hazardous threshold.		
4. First Aid Measures.		
Swallowed	If swallowed do NOT induce vomiting. Give water to drink. Get medical attention if symptoms occur.	
Inhaled	If inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Obtain medical attention if symptoms occur.	
Eye Contact	If splashed in the eyes, wash out immediately with water. Obtain medical attention if irritation occurs.	
Skin Contact	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Get medical attention if symptoms occur.	
Further Information	For advice contact the National Poisons Centre – 0800 POISON (0800 764 766) – or a doctor, immediately.	
5. Fire-Fighting Measures.		
Suitable extinguishing media	In case of fire, use water spray (fog), foam, dry chemical or CO2.	
Unsuitable extinguishing media	High volume water jet.	
Hazards from the substance	In a fire or if heated, a pressure increase will occur and the container may burst.	
Hazardous combustion products	Decomposition products may include: Carbon oxides, Nitrogen oxides, Other noxious substances.	
Special precautions for fire-fighters	Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.	
Special protective equipment for fire fighters	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.	
6. Accidental Release Measures.		
Personal precautions	Wear appropriate Personal Protective Equipment (see section 8). Provide adequate ventilation.	



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Environmental precautions	Avoid dispersal of spilt material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).
Small spill	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.
Large spill	Stop leak if without risk. Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilt product.

7. Handling and Storage.

Handling	Wear appropriate PPE, and ensure there is adequate ventilation and extraction in the work area. Avoid skin or eye contact, or breathing in the product. Follow precautions listed in section 2 for handling flammable/combustible liquids.
Storage	Keep container dry and tightly closed, in a cool, well-ventilated area, away from direct sunlight.

8. Exposure Control/Personal Protection

Exposure Standards – not available

Engineering Controls	General ventilation and local exhaust should be suitable to keep vapour concentrations minimised. Ventilation equipment should be explosion-proof when operating in flammable zones.
Personal Protection	
Respiratory	Wear a vapour respirator.
Eyes	Wear chemical goggles/face protection.
Hands	Wear chemical gloves – PVC, Polychlorpropene or Nitrile.
Other	Wear overalls or dust coat. Use PVC apron when handling large quantities.

9. Physical and Chemical Properties

PROPERTY	SPECIFICATION
Physical state	Liquid
Colour	Black
Odour	Petrol-like
pH	Not determined
Boiling Pt	145°C
Solids content	46%
Flash Pt	24°C cc
Explosive properties	LEL: 0.5% (vol) UEL: 7% (vol)
Vapour pressure	5 hPa
Density	0.86 kg/L @ 20°C
Solubility	Insoluble in water
Viscosity, kinematic	9-14 mm ² /s @ 40°C
Ignition temperature	240°C
VOC	430 g/L



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10. Stability and Reactivity			
Stability	The product is stable		
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.		
Conditions to avoid	No data		
Incompatible materials	No data		
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.		
11. Toxicological Information			
Data sourced from supplier (IKO)			
Classification:	Aspiration Hazard – 6.1E		
Health Effects:	May be fatal if swallowed and enters airways.		
Reference:	Determined by applying mixture rules.		
Classification:	STOT-SE, Cat 3 – 6.9B		
Health Effects:	May cause drowsiness or dizziness.		
Reference:	Determined by applying mixture rules.		
Acute Oral Toxicity	Not Classified		
Acute Dermal Toxicity	Not Classified		
Acute Inhalation Toxicity	Not Classified		
Skin Irritancy/Corrosion	Not Classified		
Eye Irritancy/Corrosion	Not Classified		
Respiratory Sensitisation	Not Classified		
Skin Sensitisation	Not Classified		
Mutagenic	Not Classified		
Carcinogenic	Not Classified		
Reproductive/Development Toxicity	Not Classified		
STOT-RE	Not Classified		
Toxicity Data			
Ingredient:	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 mg/L/4H
CAS 1174921-73-3	>5000 - Rat	>5000 - Rabbit	-
12. Ecological Information			
This product is classified as Ecotoxic according to the criteria of HSNO.			
H412 Harmful to aquatic life with long lasting effects.			
Ecotoxicity Data - IKO			
Product Calculated Aquatic Ecotoxicity – L(E)C50 mg/L:			
9.1C: >10 - ≤100			
Ingredients contributing to Aquatic Ecotoxicity:			
Ingredient	Classification		
CAS 1174921-73-3	9.1C		

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Persistence & Degradability	No data
Mobility	No data
Bioaccumulative Potential	No data
Other	No data

13. Disposal Considerations.

Do not let this product enter the environment. Do not dispose of in waterways or sewers. Dispose of this material and its container as hazardous waste, via a licensed facility. See local council for disposal/recycling information.

14. Transportation Information.

Regulated for transport	Keep separated from foodstuffs
UN Number:	1268
Proper Shipping Name:	PETROLEUM PRODUCTS, NOS (Aliphatic Hydrocarbons)
Class:	3
Packing Group:	III
Hazchem:	3Y
Marine Pollutant:	No



15. Regulatory Information.

HSNO Classification:	3.1C, 6.1E(asp), 6.9B, 9.1C
Group Standard:	HSR002662 Surface Coatings & Colorants - Flammable

HSNO CONTROLS

SDS required when any quantity is present in a workplace.

At least 2 x 4.5kg powder fire extinguishers required when 500L is present in a workplace.

Emergency Response Plan and Secondary Containment required when >1000L is present in a workplace

Flammable signage required when >1000L is stored.

Ecotoxic signage required when >1000L is stored.

(Class 3.1C) Hazardous Substances Location Compliance Certificate required for:	>500L (closed containers >5L) >1500L (closed containers up to 5L) >250L (open containers)
(Class 3.1C) Hazardous Atmosphere Zone required for:	>100L (closed containers) >25L (decanting) >5L (open occasionally) >1L (open containers in continuous use)
Certified Handler	Not Required
Tracking	Not Required

All ingredients are on the New Zealand Inventory of Chemicals (NZIoC), or exempt.

Any existing national regulations on the handling of dangerous substances should be observed. Controls for hazardous substances are based upon current knowledge. Where multiple chemicals are stored, controls will need to take into account aggregate quantities. Contact a WorkSafe approved Compliance Certifier for further information and guidance.



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16. Other Information.

HSNO = Hazardous Substances and New Organisms Act.
EPA = Environmental Protection Authority

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Replaces Version Dated: November 2015

The data given here is based on current knowledge and experience. The purpose of this Safety Data Sheet is to describe products in terms of their safety requirements. The above details do not imply any guarantee concerning composition, properties or performance of the product.