

Date of issue: 24.09.2024

NZ Safety Data Sheet





**1. Identification of the Substance/Mixture and Supplier.**

Product Name: NURACOAT HYDROPOXY – PART B  
 Uses: Epoxy hardener  
 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:** Not classified as Dangerous Goods according to NZS5433

HAZARD CLASSIFICATIONS	HAZARD STATEMENTS	GHS Pictogram
Skin corrosion/irritation, Cat 2	H315 Causes skin irritation.	
Serious eye damage/irritation, Cat 1	H318 Causes serious eye damage.	
Skin sensitisation, Cat 1	H317 May cause an allergic skin reaction.	
STOT-RE, Cat 2	H373 May cause damage to organs through prolonged or repeated exposure.	
Aquatic toxicity (Chronic), Cat 3	H412 Harmful to aquatic life with long lasting effects.	

Signal Word: WARNING

**PREVENTION STATEMENTS**

P102	Keep out of reach of children.
P103	Read label before use.
P260	Do not breathe mist/vapours/spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.

**RESPONSE STATEMENTS**

P101	If medical advice is needed, have product container or label at hand.
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
P362	Take off contaminated clothing and wash before reuse.
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER or doctor/physician.

STORAGE STATEMENTS – N/A


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<b>DISPOSAL STATEMENTS</b>		
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.	
<b>3. Composition/Information on Ingredients.</b>		
<b>Chemical Entity</b>	<b>CAS Number</b>	<b>Proportion %w/w</b>
Fatty acids,C18-unstad., dimers, reaction products with polyethylenepolyamines	68082-29-1	5-<10
Acetic Acid 45%	64-19-7	1-<2
Other ingredients: Non-hazardous or below the hazardous threshold – to 100%		
<b>4. First Aid Measures.</b>		
<b>Swallowed</b>	If swallowed do NOT induce vomiting. Give water to drink. Get medical attention if symptoms occur.	
<b>Inhaled</b>	If inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Obtain medical attention if symptoms occur.	
<b>Eye Contact</b>	If splashed in the eyes, wash out immediately with water. Obtain medical attention if irritation occurs.	
<b>Skin Contact</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Get medical attention if symptoms occur.	
<b>Further Information</b>	For advice contact the National Poisons Centre – 0800 POISON (0800 764 766) – or a doctor, immediately.	
<b>5. Fire-Fighting Measures.</b>		
<b>Suitable extinguishing media</b>	Carbon dioxide, dry chemical, foam, water fog or water mist.	
<b>Unsuitable extinguishing media</b>	High volume water jet.	
<b>Hazards from the substance</b>	In a fire or if heated, a pressure increase will occur and the container may burst.	
<b>Hazardous combustion products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes.	
<b>Special precautions for fire-fighters</b>	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.	
<b>Special protective equipment for fire fighters</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.	
<b>6. Accidental Release Measures.</b>		
<b>Personal precautions</b>	Wear appropriate Personal Protective Equipment (see section 8). Provide adequate ventilation.	
<b>Environmental precautions</b>	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).	
<b>Spill</b>	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up, or absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed hazardous waste disposal contractor.	

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<b>7. Handling and Storage.</b>			
<b>Handling</b>	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.		
<b>Storage</b>	Keep container dry and tightly closed, in a cool, well-ventilated area, away from direct sunlight.		
<b>8. Exposure Control/Personal Protection</b>			
<b>Exposure Standards</b>			
<b>Product/Ingredient</b>	<b>WES/TWA</b>	<b>WES/STEL</b>	<b>Reference</b>
Acetic Acid	10 ppm, 25 mg/m3	15 ppm, 37 mg/m3	NZ WES
<b>Engineering Controls</b>	General ventilation and local exhaust should be suitable to keep vapour concentrations minimised.		
<b>Personal Protection</b>			
Respiratory	Wear a vapour respirator.		
Eyes	Wear chemical goggles and/or face shield.		
Hands	Wear chemical gloves – PVC, Polychlorpropene or Nitrile.		
Other	Wear overalls or dust coat. Use PVC apron when handling large quantities.		
<b>9. Physical and Chemical Properties</b>			
<b>PROPERTY</b>		<b>SPECIFICATION</b>	
Physical state		Liquid	
Colour		White	
Odour		Amine odour	
pH		8 to 10	
Boiling Pt		100°C (water)	
Melting Pt		Not available	
Flash Pt		Not applicable	
Explosive properties		Not applicable	
Vapour pressure		Not available	
Density		1.2 to 1.3 kg/L	
Water Solubility		Soluble	
Viscosity		Not available	
Ignition temperature		Not available	
<b>10. Stability and Reactivity</b>			
<b>Stability</b>	The product is stable		
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.		
<b>Conditions to avoid</b>	Extremes of temperature and direct sunlight. Protect from freezing.		
<b>Incompatible materials</b>	Strong oxidising agents. Strong acids and bases.		
<b>Hazardous decomposition products</b>	Thermal decomposition may result in the release of toxic and/or irritating fumes.		

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**11. Toxicological Information**

Original data sourced from raw material supplier SDSs – mixture rules applied

<b>Acute Oral Toxicity</b>	Not Classified
<b>Acute Dermal Toxicity</b>	Not Classified
<b>Acute Inhalation Toxicity</b>	Not Classified
<b>Acute Aspiration Toxicity</b>	Not Classified
<b>Skin Corrosion/Irritancy</b>	Causes skin irritation.
<b>Eye Corrosion/Irritancy</b>	Causes serious eye damage.
<b>Respiratory Sensitisation</b>	Not Classified
<b>Skin Sensitisation</b>	May cause an allergic skin reaction.
<b>Mutagenic</b>	Not Classified
<b>Carcinogenic</b>	Not Classified
<b>Reproductive/Development Toxicity</b>	Not Classified
<b>STOT-SE</b>	Not Classified
<b>STOT-RE</b>	May cause damage to organs through prolonged or repeated exposure.

**Toxicity Data**

**Product Acute Toxicity Estimate**

ORAL LD50 >2000 mg/kg
DERMAL LD50 >2000 mg/kg
INHALATION LC50 (dust/mist) >5 mg/L/4H

**Ingredient Toxicity Data (CCID)**

Ingredient:	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 mg/L/4H
Acetic Acid	600 - Rabbit	1060 - Rabbit	11.4 – Vap - Rat

**12. Ecological Information**

This product is classified as Ecotoxic according to the criteria of HSNO. Harmful to aquatic life with long lasting effects.

**Toxicity:** Product Calculated Aquatic Ecotoxicity – L(E)C50: >10 - ≤100 mg/kg

**Persistence & Degradability:** Data not available.

**Mobility:** Data not available.

**Bioaccumulative Potential:** Data not available

**Ecotoxic Ingredients:**

Ingredient	Ecotoxicity
68082-29-1	Aquatic Ecotoxicity, Cat 2

**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.



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**14. Transportation Information.**

Not regulated for transport.  
Keep separated from foodstuffs.

**15. Regulatory Information.**

Group Standard:	HSR002670 Surface Coatings & Colorants – Subsidiary Hazard
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**HSNO CONTROLS**

SDS required when any quantity is present in a workplace.

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

Corrosive signage required when >1000L is stored

Ecotoxic signage required when >1000L is stored

Certified Handler	Not Required
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Tracking	Not Required
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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.

**16. Other Information.**

HSNO = Hazardous Substances and New Organisms Act.  
EPA = Environmental Protection Authority  
CCID = Chemical Classification and Information Database (EPA)  
NZ WES = New Zealand Work Exposure Standard  
TWA = Time Weighted Average  
STEL = Short Term Exposure Limit

Date of SDS Preparation: 24 September 2024

Replaces Version Dated: 13 February 2022

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.