

# NURAJACK EPOXY ADHESIVE RESIN



Date of issue: 19.02.22

NZ Safety Data Sheet

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

Product Name: NURAJACK EPOXY ADHESIVE RESIN  
 Uses: Epoxy base  
 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
Skin corrosion/irritation, Cat 2	H315 Causes skin irritation.	
Serious eye damage/irritation, Cat 2A	H319 Causes serious eye irritation.	
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 skin contact.	
Aquatic toxicity (Chronic), Cat 2	H411 Toxic to aquatic life with long lasting effects.	

Signal Word: WARNING

### PREVENTION STATEMENTS

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

P314	Get medical advice/attention if you feel unwell.
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.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P391	Collect spillage.



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STORAGE STATEMENTS – N/A		
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.	
<b>3. Composition/Information on Ingredients.</b>		
<b>Chemical Entity</b>	<b>CAS Number</b>	<b>Proportion %w/w</b>
Sand (silica)	14808-60-7	>60
Epoxy Resins	Not available	10-30
Ester Resin	Not available	1-10
Nonyl Phenol	84852-15-3	<1
Aromatic Alcohol	Not available	<1
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>	In case of fire, use water spray (fog), foam, dry chemical or CO2.	
<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>	Decomposition products may include: Carbon oxides, Nitrogen oxides, Other noxious substances.	
<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).	

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<b>Spill</b>	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). Dispose of via a licensed hazardous waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spill product.
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**7. Handling and Storage.**

<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.

**8. Exposure Control/Personal Protection**

**Exposure Standards**

Product/Ingredient	WES/TWA	WES/STEL	Reference
Quartz Silica (14808-60-7)	0.2 mg/m <sup>3</sup> – respirable dust	-	NZ-WES

<b>Engineering Controls</b>	General ventilation and local exhaust should be suitable to keep vapour concentrations minimised. Ventilation equipment should be explosion-proof when operating in flammable zones.
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<b>Personal Protection</b>	
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Respiratory	Wear a vapour respirator.
Eyes	Wear chemical goggles.
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	White
Odour	Mild odour
pH	8.5 – 9.0
Boiling Pt	100°C
Melting Pt	Not available
Flash Pt	Not applicable
Explosive properties	Not available
Vapour pressure	Not available
Relative Density	0.99 – 1.10
Water Solubility	Soluble
Viscosity	Not available
Ignition temperature	Not available



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<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>	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition may result in the release of toxic and/or irritating fumes.		
<b>11. Toxicological Information</b>			
Original data sourced from CCID and/or raw material SDSs:			
<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 Irritancy/Corrosion</b>	Causes skin irritation.		
<b>Eye Irritancy/Corrosion</b>	Causes serious eye irritation.		
<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. Note – The Sand (silica) generates Carcinogenic, cat 1 (inhalation), but this is not applicable when dispersed in binder.		
<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 skin contact. Note – The Sand (silica) generates Class 6.9A (inhalation), but this is not applicable when dispersed in binder.		
<b>Toxicity Data</b>			
<b>Product Acute Toxicity Estimate</b>			
ORAL LD50 >2000 mg/kg			
DERMAL LD50 >2000 mg/kg			
INHALATION LC50 (dust/mist) >5 mg/L/4H			
<b>Ingredient:</b>	<b>Oral LD50 mg/kg</b>	<b>Dermal LD50 mg/kg</b>	<b>Inhalation LC50 mg/L/4H</b>
Aromatic Alcohol	1040 - Rabbit	2000 - Rabbit	-

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**12. Ecological Information**

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

**Ecotoxicity Data – CCID and/or raw material SDSs:**

**Product Calculated Aquatic Ecotoxicity – L(E)C50: >1 - ≤10 mg/L**

**Ecotoxic Ingredients**

Ingredient	Classification
Epoxy Resins	Chronic, cat 2
Ester Resin	Chronic, cat 2
Nonyl Phenol	Chronic, cat 1

**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  
 UN Number: 3082  
 Proper Shipping Name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS  
 (contains Nonyl Phenol, Epoxy Resins)  
 Class: 9  
 Packing Group: III  
 Hazchem: 3Z  
 Marine Pollutant: Yes



**15. Regulatory Information.**

Group Standard: HSR002670  
Surface Coatings & Colorants – Subsidiary Hazard

**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

Ecotoxic signage required when >1000L is stored.

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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.

## 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: 19 February 2022  
Replaces Version Dated: 20 March 2019

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.