

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.	
3. Composition/Information on Ingredients.		
Chemical Entity	CAS Number	Proportion %w/w
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%		
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.	
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).	

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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). 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.

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.
Storage	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 ³ – respirable dust	-	NZ-WES

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.
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Personal Protection	
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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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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	Extremes of temperature and direct sunlight. Protect from freezing.		
Incompatible materials	Strong oxidising agents. Strong acids and bases.		
Hazardous decomposition products	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.		
11. Toxicological Information			
Original data sourced from CCID and/or raw material SDSs:			
Acute Oral Toxicity	Not Classified		
Acute Dermal Toxicity	Not Classified		
Acute Inhalation Toxicity	Not Classified		
Acute Aspiration Toxicity	Not Classified		
Skin Irritancy/Corrosion	Causes skin irritation.		
Eye Irritancy/Corrosion	Causes serious eye irritation.		
Respiratory Sensitisation	Not Classified		
Skin Sensitisation	May cause an allergic skin reaction		
Mutagenic	Not Classified		
Carcinogenic	Not Classified. Note – The Sand (silica) generates Carcinogenic, cat 1 (inhalation), but this is not applicable when dispersed in binder.		
Reproductive/Development Toxicity	Not Classified		
STOT-SE	Not Classified		
STOT-RE	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.		
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:	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 mg/L/4H
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.