

Date of issue: 5 July 2023

NZ Safety Data Sheet






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

Product Name:	PILE CAP EPOXY POURABLE GROUT – Part A
Uses:	Epoxy grout
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/2B	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 exposure.	
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**

P302 + P352	IF ON SKIN: Wash with plenty of soap and water.
P362	Take off contaminated clothing and wash before reuse.
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.
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.
P314	Get medical advice/attention if you feel unwell.
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>
2,2-Bis(4-glycidyoxyphenyl) propane	1675-54-3	10-30
Formaldehyde, polymer with (chloromethyl)oxirane and phenol	9005-36-5	1-10
Ester Resin	Not available	1-10
Cashew nutshell extract	8007-24-7	1-10
Quartz	14808-60-7	30-60
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 spilt product.		
<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>
Quartz (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.		
<b>Personal Protection</b>			
<b>Respiratory</b>	Wear a vapour respirator.		
<b>Eyes</b>	Wear chemical goggles and/or face shield.		
<b>Hands</b>	Wear chemical gloves – PVC, Polychlorpropene or Nitrile.		
<b>Other</b>	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	Mild		
pH	No data		
Boiling Pt	No data		
Melting Pt	No data		
Flash Pt	No data		
Explosive properties	Not flammable		
Vapour pressure	No data		
Density	SG: 1.90-2.10		
Water Solubility	Insoluble		
Viscosity	No data		
Ignition temperature	Not flammable		


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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.
<b>11. Toxicological Information</b>	
Original data sourced from CCID – mixture rules applied	
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
Reproductive/Development Toxicity	Not Classified
STOT-SE	Not Classified
STOT-RE	May cause damage to organs through prolonged or repeated exposure.
Note – The Quartz content exceeds the threshold for Specific Target Organ Toxicity (inhalation) Cat 1, and Carcinogenicity (inhalation) Cat 2. However these classifications do not apply, as this ingredient is dispersed in binder, and is not able to be inhaled.	
<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>12. Ecological Information</b>	
This product classified as Ecotoxic according to the criteria of HSNO.	
Persistence & Degradability: Data not available.	
Mobility: Data not available.	
Bioaccumulative Potential: Data not available	
Toxic to aquatic life with long lasting effects.	
Product Calculated Aquatic Ecotoxicity – L(E)C50 >1 - ≤10 mg/L	

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<b>Ingredients contributing to Aquatic Ecotoxicity:</b>	
<b>Ingredient</b>	<b>Classification</b>
2,2-Bis(4-glycidyoxyphenyl)propane	Hazardous to the aquatic environment chronic Category 2 (chronic)
Formaldehyde, polymer with (chloromethyl)oxirane and phenol	Hazardous to the aquatic environment chronic Category 2 (chronic)
Ester Resin	Hazardous to the aquatic environment chronic Category 2 (chronic)
<b>13. Disposal Considerations.</b>	
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>14. Transportation Information.</b>	
Regulated for transport	Keep separated from food
UN Number:	3082
Proper Shipping Name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, NOS
Class:	9
Packing Group:	III
Hazchem:	3Z
Marine Pollutant:	Yes
	
<b>15. Regulatory Information.</b>	
Group Standard:	HSR002670 Surface Coatings and Colourants (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.	
Certified Handler	Not Required
Tracking	Not Required
This material is not subject to the following agreements: <ul style="list-style-type: none"> <li>• Montreal Protocol (Ozone Depleting Substances)</li> <li>• The Stockholm Convention (Persistent Organic Pollutants)</li> <li>• The Rotterdam Convention (Prior Informed Consent)</li> </ul>	
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  
CCID = Chemical Classification and Information Database (EPA)  
NZ WES = New Zealand Work Exposure Standard  
TWA = Time Weighted Average  
STEL = Short Term Exposure Limit

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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.