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NZ Safety Data Sheet

1. Identification of the Substance/Mixture and Supplier.			
Product Name:	NURAPOX TG 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
HSNO	GHS Equivalent		
6.3A	Skin corrosion/irritation, Cat 2	H315 Causes skin irritation.	
6.4A	Serious eye damage/irritation, Cat 2A	H319 Causes serious eye irritation.	
6.5B	Skin sensitisation, Cat 1	H317 May cause an allergic skin reaction.	
6.9B (repeat exposure)	STOT-RE, Cat 2	H373 May cause damage to organs through prolonged or repeated skin contact.	
9.1B	Aquatic toxicity (Chronic), Cat 2	H411 Toxic to aquatic life with long lasting effects.	
9.2D	N/A	H423 Harmful to the soil environment.	
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 CO ₂ .	
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).	
Spill	Stop leak if without risk. Move containers from spill area. Prevent entry into	

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	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.		
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.		
Personal Protection			
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		
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.		





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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:			
Classification:	Skin Corrosion/Irritancy – 6.3A		
Health Effects:	Causes skin irritation.		
Reference:	Determined by applying mixture rules		
Classification:	Eye Corrosion/Irritancy – 6.4A		
Health Effects:	Causes serious eye irritation.		
Reference:	Determined by applying mixture rules		
Classification:	Skin Sensitiser – 6.5B		
Health Effects:	May cause an allergic skin reaction		
Reference:	Determined by applying mixture rules		
Classification:	STOT-RE – 6.9B		
Health Effects:	May cause damage to organs through prolonged or repeated skin contact.		
Reference:	Determined by applying mixture rules		
Acute Oral Toxicity	Not Classified		
Acute Dermal Toxicity	Not Classified		
Acute Inhalation Toxicity	Not Classified		
Acute Aspiration Toxicity	Not Classified		
Respiratory Sensitisation	Not Classified		
Mutagenic	Not Classified		
Carcinogenic	Not Classified. Note – The Sand (silica) generates Class 6.7A (inhalation), but this is not applicable when dispersed in binder.		
Reproductive/Development Toxicity	Not Classified		
STOT-SE	Not Classified		
STOT-RE	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 >5000 mg/kg			
DERMAL LD50 >5000 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.	
H411 Toxic to aquatic life with long lasting effects.	
H423 Harmful to the soil environment.	
Ecotoxicity Data – CCID and/or raw material SDSs:	
Product Calculated Aquatic Ecotoxicity – L(E)C50 mg/L:	
9.1B: >1 - ≤10	
Ecotoxic Ingredients	
Ingredient	Classification
Epoxy Resins	9.1B
Ester Resin	9.1B
Nonyl Phenol	9.1A, 9.2C, 9.3C
Aromatic Alcohol	9.1D, 9.2B, 9.3C
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
 	



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15. Regulatory Information.	
HSNO Classification:	6.3A, 6.4A, 6.5B, 6.9B, 9.1B, 9.2D
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.	
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: 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.