

Date of issue: 23.10.23



NZ Safety Data Sheet

1. Identification of the Substance/Mixture and Supplier.

Product Name: NURAPATCH
 Uses: Construction Product
 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 1C	H314 Causes severe skin burns and eye damage.	
Serious eye damage/irritation, Cat 1	H318 Causes serious eye damage.	

Signal Word: DANGER

PREVENTION STATEMENTS

P102	Keep out of reach of children.
P103	Read label before use.
P260	Do not breathe dust.
P264	Wash thoroughly after handling.
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.
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P363	Wash contaminated clothing before reuse.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P310	Immediately call a POISON CENTER or doctor/physician.
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

P405	Store locked up.
------	------------------

Date of issue: 23.10.23

NZ Safety Data Sheet

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
Golden Bay Everfast Cement		
Portland cement clinker	65997-15-1	Not Available
Limestone	1317-65-3	
Flyash	68131-74-8	
Gypsum	13397-24-5	
Hexavalent chromium	18540-29-9	
Victor Fast Set Plaster		
Calcium Sulphate Hemihydrate	10034-76-1	Not Available
Limestone	1313-63-3	
Mica	12001-26-2	
Clay	8031-18-3	
Polyvinyl alcohol	9002-89-5	
Lime (Calcium Hydroxide)	1305-62-0	
Tartaric acid	87-69-4	
Vinnapas 8034H	NA	Not Available
Caulcem Istra 50	65997-16-2	Not Available
Cement, alumina, chemicals		
Peramin SMF 10	50-00-0	Not Available
Formaldehyde		
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 lodged in the eyes, wash out immediately with water. Obtain medical attention.	
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	Use extinguishing media appropriate for surrounding fire.	
Unsuitable extinguishing media	Unknown.	
Hazardous combustion products	Product doesn't burn. It will react exothermically with water. Contaminated water will be strongly alkaline. It may produce toxic and corrosive fumes in a fire.	
Special protective equipment for fire fighters	Self-contained breathing apparatus, safety boots, non-flammable overalls, gloves, hat, and eye protection.	

Date of issue: 23.10.23

NZ Safety Data Sheet

6. Accidental Release Measures.

Personal precautions	Wear appropriate Personal Protective Equipment (see section 8). Provide adequate ventilation.
Environmental precautions	Spillage prevention is needed from spreading and entering soil, waterways, or drains.
Spill	For large spillage, >100kg, of dry or wet mixture, alert the fire service giving location and overview of the hazard. Clear the area, contain the spill, and prevent any spillage entering drains, sewers, or waterways. Collect product avoiding creating dust and seal in properly labelled containers. Advise local emergency services if external contamination has occurred. This material may be suitable for approved landfill. Check relevant regulations. Dust may irritate breathing, contaminated water will be strongly alkaline, do not allow contaminated water to enter the environment.

7. Handling and Storage.





Handling	Ensure good ventilation, avoid contact with skin and eyes, do not breathe dust, do not smoke – see Section 8.
Storage	Keep out of reach of children. Store in a cool dry environment. Bags should be properly labelled. Avoid contact with incompatible substances – see Section 10.

8. Exposure Control/Personal Protection

Exposure Standards

Product/Ingredient	WES/TWA	WES/STEL	Reference
Portland Cement	3 mg/m ³ – total dust 1 mg/m ³ – respirable dust	-	NZ WES

WorkSafe NZ has not established a workplace exposure standard (WES) for this product. In the interim, a general limit of 3mg/m³ for respirable particulates and 10mg/m³ for inhalable particulates.

Engineering Controls	General ventilation and local exhaust should be suitable to keep dust concentrations below WES/TWA. Ventilation equipment should be explosion-proof when operating in flammable zones.
Personal Protection	   
Respiratory	Wear a dust respirator.
Eyes	Wear safety glasses.
Hands	Wear chemical gloves – PVC, Polychloroprene or Nitrile.
Other	Wear overalls or dust coat. Use PVC apron when handling large quantities.

9. Physical and Chemical Properties

PROPERTY	SPECIFICATION
Physical state	Gravel and fine white powder
Odour	Mild
pH	7 – 9.5
Melting Pt	Not available
Flash Pt	Non-flammable
Explosive properties	Not available

Date of issue: 23.10.23

NZ Safety Data Sheet

Density	Not available
Water Solubility	Water used as a mixing agent
Corrosiveness	Depending on concentration, aqueous solution causes irritation or burns to skin and eyes.
10. Stability and Reactivity	
Stability	If stored and handled in accordance with standard industrial practices no hazardous reactions are known.
Possibility of hazardous reactions	None known
Conditions to avoid	None known
Incompatible materials	None known
Hazardous decomposition products	If handled and stored properly: none known.
11. Toxicological Information	
Acute Oral Toxicity	Not Classified
Acute Dermal Toxicity	Not Classified
Acute Inhalation Toxicity	Not Classified
Acute Aspiration Toxicity	Not Classified
Skin Irritancy/Corrosion	Causes severe skin burns
Eye Irritancy/Corrosion	Causes serious eye damage.
Respiratory Sensitisation	Not Classified
Skin Sensitisation	Not Classified
Mutagenic	Not Classified
Carcinogenic	Not Classified
Reproductive/Development Toxicity	Not Classified
STOT-SE	Not Classified
STOT-RE	Not Classified
Swallowed:	IF SWALLOWED: Ingestion may cause irritation to mouth, throat, and digestive tract. Large amounts may cause discomfort, vomiting, and diarrhoea.
Inhaled:	Inhalation may damage lungs. The dust is irritating to mucous membranes and respiratory tract., which can cause coughing, sneezing, and difficulty in breathing.
Skin:	Contact with skin may cause irritation.
Eyes:	Contact with eyes may cause irritation or burns.
Chronic Effects:	No data
Toxicity Data	
Product Acute Toxicity Estimate	
ORAL LD50 >2000 mg/kg	
DERMAL LD50 >2000 mg/kg	
INHALATION LC50 (dust/mist) >5 mg/L/4H	

Date of issue: 23.10.23

NZ Safety Data Sheet

12. Ecological Information

This product is not classified as Ecotoxic according to the criteria of HSNO.

Toxicity: Data not available

Persistence & Degradability: Data not available.

Mobility: Data not available.

Bioaccumulative Potential: Data not available

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.

Not regulated for transport.

Keep separated from foodstuffs.

15. Regulatory Information.

Group Standard: HSR002542: Construction Products - Corrosive

HSNO CONTROLS

SDS required when any quantity is present in a workplace.

Emergency Response Plan and Secondary Containment required when >10,000kg is present in a workplace

Corrosive Signage required when >1000kg is stored.

Certified Handler	Not Required
-------------------	--------------

Tracking	Not Required
----------	--------------

This material is not subject to the following agreements:

- Montreal Protocol (Ozone Depleting Substances)
- The Stockholm Convention (Persistent Organic Pollutants)
- The Rotterdam Convention (Prior Informed Consent)

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

OSHA = Occupational Safety & Health Administration (USA)

Date of SDS Preparation: 23 October 2023

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.