

NURAPATCH POWDER



Date of issue: 21.03.19

NZ Safety Data Sheet

1. Identification of the Substance/Mixture and Supplier.			
Product Name:	NURAPATCH POWDER		
Uses:	Cement levelling mortar powder admixture		
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 in HSNO.			
DG Status: Not classified as Dangerous Goods according to NZS5433			
HAZARD CLASSIFICATIONS		HAZARD STATEMENTS	GHS Pictogram
HSNO	GHS Equivalent		
6.1D (oral)	Acute toxicity: Oral, Cat 4	H302 Harmful if swallowed.	
6.1D (inhalation)	Acute toxicity: Inhalation, Cat 4	H332 Harmful if inhaled.	
6.5A	Respiratory sensitisation, Cat 1	H334 May cause allergy or asthma symptoms or breathing difficulties if inhaled.	
6.5B	Skin sensitisation, Cat 1	H317 May cause an allergic skin reaction.	
6.7A	Carcinogenicity, Cat 1A/1B	H350 May cause cancer by inhalation.	
6.9A (repeat exposure)	STOT-RE, Cat 1	H372 Causes damage to organs through prolonged or repeated inhalation.	
8.2C	Skin corrosion/irritation, Cat 1C	H314 Causes severe skin burns and eye damage.	
8.3A	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.		
P201	Obtain special instructions before use.		
P202	Do not handle until all safety precautions have been read and understood.		
P260	Do not breathe dust.		
P264	Wash thoroughly after handling.		
P270	Do not eat, drink or smoke when using this product.		
P271	Use only outdoors or in a well-ventilated area.		
P272	Contaminated work clothing should not be allowed out of the workplace.		

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P280	Wear protective gloves/protective clothing/eye protection/face protection.	
P285	In case of inadequate ventilation wear respiratory protection.	
RESPONSE STATEMENTS		
P101	If medical advice is needed, have product container or label at hand.	
P308 + P313	IF exposed or concerned: Get medical advice/attention.	
P314	Get medical advice/attention if you feel unwell.	
P301 + P330 + P331	IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.	
P301 + P312	IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.	
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.	
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.	
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.	
P333 + P313	If skin irritation or rash occurs: Get medical advice/attention.	
P363	Wash contaminated clothing 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.	
P310	Immediately call a POISON CENTER or doctor/physician.	
STORAGE STATEMENTS		
P405	Store locked up.	
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, Quartz)	14808-60-7	>60
Portland Cement	Blend	30-40
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 contacted 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	Extinguish fires based on surrounding material.	
Hazardous combustion products	Decomposition products may include: Toxic gases	

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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	Absorb with an inert dry material and sweep or shovel up into an appropriate waste disposal container. Dispose of via a licensed hazardous waste disposal contractor.		
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	Store in a well-ventilated place. Keep container tightly closed. Store locked up. Prevent product from being exposed to high humidity and moisture. Ensure packaging is labelled, protected from physical damage and sealed when not in use. Store away from moisture, oxidising agents (e.g. hydrogen fluoride, phosphorus oxide), acids, ethanol, interhalogens (e.g. chlorine trifluoride) and foodstuffs		
8. Exposure Control/Personal Protection			
Exposure Standards			
Product/Ingredient	WES/TWA	WES/STEL	Reference
Quartz (14808-60-7)	0.2 mg/m ³ – respirable dust	-	NZ-WES
Portland Cement	10mg/m ³	-	NZ-WES
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, 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	Sandy, dry powder		
Colour	Grey		
Odour	No data		
pH	No data		
Boiling Pt	No data		
Melting Pt	No data		
Flash Pt	Not applicable		

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Explosive properties	No data
Vapour pressure	Not applicable
Density	No data
Water Solubility	Cement dissolves, leaving sand residue
Viscosity	Not applicable
Ignition temperature	No data
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	Water contact may increase product temperature slightly.
Incompatible materials	Product is incompatible with oxidising agents (e.g. hypochlorites), ethanol, acids (e.g. hydrofluoric acid) and interhalogens (e.g. chlorine trifluoride). Contact with aluminium
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced. May evolve toxic gases if heated to decomposition.
11. Toxicological Information	
Original data sourced from CCID and/or raw material SDSs:	
Classification:	Acute Oral Toxicity – 6.1D
Health Effects:	Harmful if swallowed
Reference:	Determined by applying mixture rules
Classification:	Acute Inhalation Toxicity – 6.1D
Health Effects:	Harmful if inhaled
Reference:	Determined by applying mixture rules
Classification:	Respiratory Sensitiser – 6.5A
Health Effects:	May cause allergy or asthma symptoms or breathing difficulties if inhaled.
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:	Carcinogenic – 6.7A
Health Effects:	May cause cancer by inhalation.
Reference:	Determined by applying mixture rules
Classification:	STOT-RE – 6.9A
Health Effects:	Causes damage to organs through prolonged or repeated inhalation.
Reference:	Determined by applying mixture rules
Classification:	Skin/Eye Corrosive – 8.2C
Health Effects:	Causes severe skin burns and eye damage.
Reference:	Determined by applying mixture rules

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Classification:	Eye Corrosive – 8.3A
Health Effects:	Causes serious eye damage.
Reference:	Determined by applying mixture rules
Acute Dermal Toxicity	Not Classified
Acute Aspiration Toxicity	Not Classified
Mutagenic	Not Classified
Reproductive/Development Toxicity	Not Classified
STOT-SE	Not Classified
Toxicity Data	
Product Acute Toxicity Estimate	
ORAL LD50 6.1D: >300 - ≤2000 mg/kg	
DERMAL LD50 >5000 mg/kg	
INHALATION LC50 (dust/mist) 6.1D: >1.0 - ≤5.0 mg/L/4H	
12. Ecological Information	
This product is not classified as Ecotoxic according to the criteria of HSNO. 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.	
HSNO Classification:	6.1D(o/i), 6.5A, 6.5B, 6.7A(i), 6.9A(i), 8.2C, 8.3A
Group Standard:	HSR002660
HSNO Approval Number:	Surface Coatings & Colorants – Corrosive, Toxic (6.7)
HSNO CONTROLS	
SDS required when any quantity is present in a workplace.	
Emergency Response Plan and Secondary Containment required when >1000kg is present in a workplace	
Toxic signage required when >10,000kg is stored.	
Corrosive Signage required when >1000kg 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.	



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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

Date of SDS Preparation: 21 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.