Date of issue: 11.10.17 NZ Safety Data Sheet

1. Identification of the Substance/Mixture and Supplier.

Product Name:	Nuraply EverGuard Water Block 8008
Uses:	Sealant
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 the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

DG Status: Classified as Dangerous Goods according to NZS5433

HAZARD CLASSIFICATIONS		HAZARD STATEMENTS	GHS Pictogram
HSNO	GHS Equivalent		
3.1B	Flammable liquids, Cat 2	H225 Highly flammable liquid and vapour.	
6.3B	Skin corrosion/irritation, Cat 3	H316 Causes mild skin irritation.	
9.1C	Aquatic toxicity (Chronic), Cat 3	H412 Harmful to aquatic life with long lasting effects.	

Signal Word:	DANGER

PREVENTION STATEMENTS	
P103	Read label before use.
P210	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P273	Avoid release to the environment.

RESPONSE STATEMENTS	
P370 + P378	In case of fire: Use foam, carbon dioxide or dry chemical powder for extinction.
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.
P332 + P313	If skin irritation occurs: Get medical advice/attention.

STORAGE STATEMENTS	
P403 + P235	Store in a well-ventilated place. Keep cool.

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
Heptane	142-82-5	14
Non-hazardous ingredients	-	86

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.
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).
Small spill	Stop leak if without risk. Move containers from spill area. Absorb with an inert dry material and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed waste disposal contractor.

Large 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). Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed 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. Follow precautions listed in section 2 for handling flammable/combustible liquids.
Storage	Keep container dry and tightly closed, in a cool, well-ventilated area, away from direct sunlight. Do not store above 49°C.

8. Exposure Control/Personal Protection

Exposure Standards

Product/Ingredient	**WES/TWA**	**WES/STEL**	**Reference**
n-Heptane	400ppm, 1640mg/m3	500ppm, 2050mg/m3	NZ-WES

Engineering Controls	General ventilation and local exhaust should be suitable to keep vapour concentrations below WES/TWA. Ventilation equipment should be explosion-proof when operating in flammable zones.
Personal Protection	
Respiratory	Wear a vapour respirator.
Eyes	Wear chemical goggles/face protection.
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	Paste
Colour	Grey
Odour	Mild solvent odour
pH	No data
Boiling Pt	93 - 99°C
Melting Pt	No data
Flash Pt	-10°C cc
Explosive properties	LEL: 1%(vol); UEL: 7%(v)
Vapour pressure	45mm Hg @ 20°C
Density	1.307 kg/L
Solubility	Insoluble in water
Evaporation rate	4.5
Vapour density	3.4
Viscosity	No data
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	Avoid all sources of ignition.
Incompatible materials	Strong oxidising agents.
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced.

11. Toxicological Information

Original data sourced from CCID

Classification:	Skin Corrosion/Irritancy – 6.3B
Health Effects:	Cause mild skin irritation.
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 (product is viscous)
Eye Irritancy/Corrosion	Not Classified
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

Toxicity Data

Product Estimated Acute Toxicity
ORAL LD50 >5000 mg/kg
DERMAL LD50 >5000 mg/kg
INHALATION LC50 (vapours) >20 mg/L/4H

12. Ecological Information

This product is classified as Ecotoxic according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.

H412 Harmful to aquatic life with long lasting effects.

Ecotoxicity Data - CCID

Product Calculated Aquatic Ecotoxicity – L(E)C50 mg/L:

9.1C: >10 - ≤100

Ingredients contributing to Aquatic Ecotoxicity:

Ingredient	**Classification**
Heptane	9.1B

Product:	
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	Keep separated from foodstuffs
UN Number:	1133
Proper Shipping Name:	Adhesive
Class:	3
Packing Group:	II
Hazchem:	3YE
Marine Pollutant:	No

15. Regulatory Information.

HSNO Classification:	3.1B, 6.3B, 9.1C
Group Standard:	HSR002662 Surface Coatings & Colorants - Flammable

HSNO CONTROLS
Level 2: MSDS required when any quantity is present in a workplace.
At least 2 x 4.5kg powder fire extinguishers required when 250L is present in a workplace.
Level 3: Emergency Response Plan and Secondary Containment required when >1000L is present in a workplace
Flammable signage required when >250L is stored.
Ecotoxic signage required when >1000L is stored.
Location and transit depot test certification required for quantities greater than: 100L (closed containers >5L), 250L (closed containers up to 5L), 50L (open containers).
Hazardous atmosphere zone required for quantities greater than: 100L (closed containers), 25L (decanting), 5L (open occasionally), 1L (open containers in continuous use).
Approved Handler required when present in quantities >250L (containers >5L), or 500L (containers up to 5L)
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 an EPA/WorkSafe approved test 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: 11 October 2017

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.