

BITUMINOUS FILLET



Date of issue: 18.02.22

NZ Safety Data Sheet

1. Identification of the Substance/Mixture and Supplier.

Product Name: BITUMINOUS FILLET
 Uses: Elastic fillet

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		
9.1C	Aquatic toxicity (Chronic), Cat 3	H412 Harmful to aquatic life with long lasting effects.	N/A

Signal Word: N/A

PREVENTION STATEMENTS

P103	Read label before use.
P273	Avoid release to the environment.

RESPONSE STATEMENTS – N/A

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.
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3. Composition/Information on Ingredients.

Chemical Entity	CAS Number	Proportion %w/w
Asphalt	8052-42-4	50-80
Hydrogen Sulphide	7783-06-4	<0.1
Other ingredients: Non-hazardous or below the hazardous threshold – to 100%		

4. First Aid Measures.

Swallowed	Unlikely. Give water to drink. Get medical attention if symptoms occur.
Inhaled	If there are signs of Hydrogen Sulphide exposure (respiratory tract irritation, headache, dizziness, nausea, gastrointestinal disturbances, coughing, sensation of dryness or pain in the nose, throat or chest, confusion, unconsciousness) - move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Obtain medical attention.

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Eye Contact	If contacted in the eyes, wash out immediately with water. Obtain medical attention if irritation occurs.
Skin Contact	If the hot, melted material gets on the skin, quickly cool in water. DO NOT try to peel the solidified material from the skin, or use solvents or thinners to dissolve it – use vegetable or mineral oil to remove it. Flush exposed area with water, and remove contaminated clothing. Seek medical attention if irritation persists.
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, foam, dry chemical or CO2.
Hazards from the substance	May foam if heated above 100°C.
Hazardous combustion products	Decomposition products may include: Carbon 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	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	Do not allow to freeze. Protect container from physical damage.

8. Exposure Control/Personal Protection

Exposure Standards			
Product/Ingredient	WES/TWA	WES/STEL	Reference
Asphalt fumes	5 mg/m3	-	OSHA
Engineering Controls	General ventilation and local exhaust should be suitable to keep dust/vapour concentrations minimised. Ventilation equipment should be explosion-proof when operating in flammable zones.		
Personal Protection			

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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	Solid
Colour	Black
Odour	No data
pH	No data
Boiling Pt	120°C
Melting Pt	No data
Flash Pt	230°C min. COC
Explosive properties	No data
Density	1.3 kg/L
Elastic Recovery	75%
Ignition temperature	No data
Penetration	40-50dmm @ 25°C
10. Stability and Reactivity	
Stability	The product is stable at room temperature. Does not polymerise under normal storage and handling conditions.
Possibility of hazardous reactions	Caution – heating may release Hydrogen Sulphide gas.
Conditions to avoid	Heat, incompatible products.
Incompatible materials	Strong oxidisers.
Hazardous decomposition products	Decomposition products can include carbon oxides, water vapour.
11. Toxicological Information	
Data sourced from manufacturer (IKO)	
Acute Oral Toxicity	Not Classified
Acute Dermal Toxicity	Not Classified
Acute Inhalation Toxicity	Not Classified
Acute Aspiration Toxicity	Not Classified
Skin Irritancy/Corrosion	Not Classified
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
Swallowed:	Stomach irritation, nausea and vomiting.
Inhaled:	Respiratory irritation, nausea, dizziness and headache.

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Skin:	Mild irritation.
Eyes:	Irritation.
Chronic Effects:	Repeated or prolonged contact may produce dry, scaly dermatitis.
Toxicity Data	
Product Acute Toxicity Estimate	
ORAL LD50	>2000 mg/kg
DERMAL LD50	>2000 mg/kg
INHALATION LC50 (dust/mist)	>5 mg/L/4H
12. Ecological Information	
This product is classified as Ecotoxic according to the criteria of HSNO.	
Harmful to aquatic life with long lasting effects.	
Original data sourced from manufacturer's SDS	
Product Calculated Aquatic Ecotoxicity – L(E)C50: >10 - ≤100 mg/L	
Ingredients contributing to Aquatic Ecotoxicity:	
Ingredient	Classification
Asphalt	Chronic, cat 3
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.	
Not regulated for transport. Keep separated from foodstuffs.	
15. Regulatory Information.	
Group Standard:	HSR002544 Construction Products – Subsidiary Hazard
HSNO CONTROLS	
SDS required when any quantity is present in a workplace.	
Emergency Response Plan required when >1000kg is present in a workplace	
Ecotoxic signage required when >1000kg is stored.	
Certified Handler: Not required.	
Tracking: Not required.	

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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) WES = Work Exposure Standard TWA = Time Weighted Average STEL = Short Term Exposure Limit OSHA = Occupational Safety & Health Administration (USA) Date of SDS Preparation: 18 February 2022 Replaces Version Dated: 19 September 2018

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.