

# BITUTHENE LIQUID MEMBRANE PART A



Date of issue: 19.10.20

NZ Safety Data Sheet


1. Identification of the Substance/Mixture and Supplier.			
Product Name:	BITUTHENE LIQUID MEMBRANE PART A		
Uses:	Waterproofing coating		
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.			
<b>Hazardous Status:</b> Classified as hazardous according to the criteria of HSNO.			
<b>DG Status:</b> Not classified as Dangerous Goods according to NZS5433			
HAZARD CLASSIFICATIONS		HAZARD STATEMENTS	GHS Pictogram
HSNO	GHS Equivalent		
6.7A	Carcinogenicity, Cat 1A/1B	H350 May cause cancer.	
Signal Word:		WARNING	
PREVENTION STATEMENTS			
P103	Read label before use.		
P201	Obtain special instructions before use.		
P202	Do not handle until all safety precautions have been read and understood.		
P281	Use personal protective equipment as required.		
RESPONSE STATEMENTS			
P308 + P313	IF exposed or concerned: Get medical advice/attention.		
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	
Asphalt	8052-42-4	20-25	
Extracts (petroleum), heavy paraffinic distillate solvent	64742-04-7	10-20	
Polycyclic Aromatic Hydrocarbons	130498-29-2	0.1-0.3	



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<b>4. First Aid Measures.</b>	
<b>Swallowed</b>	If swallowed do NOT induce vomiting. Give water to drink. Get medical attention if symptoms occur.
<b>Inhaled</b>	If inhaled, move the victim to fresh air immediately. Begin artificial respiration if breathing has stopped. Obtain medical attention if symptoms occur.
<b>Eye Contact</b>	If splashed in the eyes, wash out immediately with water. Obtain medical attention if irritation occurs.
<b>Skin Contact</b>	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Get medical attention if symptoms occur. If residue remains, clean with waterless handcream or abrasive soap. Never use solvents.
<b>Further Information</b>	For advice contact the National Poisons Centre – 0800 POISON (0800 764 766) – or a doctor, immediately.
<b>5. Fire-Fighting Measures.</b>	
<b>Suitable extinguishing media</b>	In case of fire, use water spray (fog), foam, dry chemical or CO2.
<b>Hazards from the substance</b>	In a fire or if heated, a pressure increase will occur and the container may burst.
<b>Hazardous combustion products</b>	Decomposition products may include: Carbon oxides, Nitrogen oxides, Other noxious substances.
<b>Special precautions for fire-fighters</b>	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. Cool endangered receptacles with water spray. Collect contaminated fire fighting water separately. It must not enter the sewage system.
<b>Special protective equipment for fire fighters</b>	Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.
<b>6. Accidental Release Measures.</b>	
<b>Personal precautions</b>	Wear appropriate Personal Protective Equipment (see section 8). Provide adequate ventilation.
<b>Environmental precautions</b>	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).
<b>Spill</b>	Stop leak if without risk. Move containers from spill area. Absorb with an inert dry material. Pick up mechanically, and place in an appropriate waste disposal container. Dispose of via a licensed hazardous waste disposal contractor.
<b>7. Handling and Storage.</b>	
<b>Handling</b>	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. Open and handle receptacle with care. Prevent formation of aerosols. Avoid contact with skin and eyes.
<b>Storage</b>	Keep container dry and tightly closed, in a cool, well-ventilated area, away from direct sunlight.

<b>8. Exposure Control/Personal Protection</b>			
<b>Exposure Standards</b>			
<b>Product/Ingredient</b>	<b>WES/TWA</b>	<b>WES/STEL</b>	<b>Reference</b>
Asphalt fumes	5 mg/m3	-	NZ WES
<b>Engineering Controls</b>	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.		
<b>Personal Protection</b>			
Respiratory	Wear a vapour respirator if insufficient ventilation.		
Eyes	Wear chemical goggles/face shield.		
Hands	Wear chemical gloves – PVC, Polychlorpropene or Nitrile.		
Other	Wear overalls or dust coat. Use PVC apron when handling large quantities.		
<b>9. Physical and Chemical Properties</b>			
<b>PROPERTY</b>		<b>SPECIFICATION</b>	
Physical state		Liquid	
Colour		According to product specification	
Odour		Characteristic	
pH		No data	
Boiling Pt		No data	
Melting Pt		No data	
Flash Pt		200 °C	
Explosive properties		Product does not present an explosion hazard.	
Vapour pressure		No data	
Density @ 20°C		1.1 g/cm <sup>3</sup>	
Water Solubility		Not miscible, or difficult to mix.	
Viscosity		No data	
Auto Ignition temperature		Product is not self-igniting.	
<b>10. Stability and Reactivity</b>			
<b>Stability</b>	The product is stable		
<b>Possibility of hazardous reactions</b>	Under normal conditions of storage and use, hazardous reactions will not occur.		
<b>Conditions to avoid</b>	No data		
<b>Incompatible materials</b>	No data		
<b>Hazardous decomposition products</b>	Carbon monoxide and carbon dioxide Other potentially hazardous products may also be formed.		



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11. Toxicological Information	
Health Effects – data supplied by manufacturer (GCP):	
<b>Classification:</b>	Carcinogenic – 6.7A
<b>Health Effects:</b>	May cause cancer.
<b>Acute Oral Toxicity</b>	Not Classified
<b>Acute Dermal Toxicity</b>	Not Classified
<b>Acute Inhalation Toxicity</b>	Not Classified
<b>Acute Aspiration Toxicity</b>	Not Classified
<b>Skin Irritancy/Corrosion</b>	Not Classified
<b>Eye Irritancy/Corrosion</b>	Not Classified
<b>Respiratory Sensitisation</b>	Not Classified
<b>Skin Sensitisation</b>	Not Classified
<b>Mutagenic</b>	Not Classified
<b>Reproductive/Development Toxicity</b>	Not Classified
<b>STOT-SE</b>	Not Classified
<b>STOT-RE</b>	Not Classified
Toxicity Data	
<b>Product Acute Toxicity Estimate</b>	
ORAL LD50: >5000 mg/kg	
DERMAL LD50: >5000 mg/kg	
INHALATION LC50 (dust/mist): >5 mg/L/4H	
12. Ecological Information	
This product is not classified as Ecotoxic according to the criteria of HSNO.	
Data – from manufacturer	
<b>Toxicity:</b> See data below	
<b>Persistence &amp; Degradability:</b> Data not available.	
<b>Mobility:</b> Data not available.	
<b>Bioaccumulative Potential:</b> Data not available	
<b>Other:</b> Not known to be hazardous to water	
Aquatic toxicity: 64742-04-7 Extracts (petroleum), heavy paraffinic distillate solvent LC/EC/IC50 (static) 18.8 mg/l (algae) (OECD guideline 201)	
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. Must not be disposed of together with household garbage.	
14. Transportation Information.	
Not regulated for transport. Keep separated from foodstuffs.	



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15. Regulatory Information.	
Group Standard:	HSR002679 Surface Coatings & Colorants – Toxic (6.7)
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	
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. NZ WES = New Zealand Work Exposure Standard TWA = Time Weighted Average STEL = Short Term Exposure Limit	
Date of SDS Preparation: 19 October 2020	

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.