



Date of issue: 23.02.22

NZ Safety Data Sheet

**1. Identification of the Substance/Mixture and Supplier.**

Product Name: NURAFLEX No 10, NURACOAT BG  
 Uses: Primer for bitumen membranes  
 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:** Not classified as hazardous according to the criteria of HSNO.

**DG Status:** Not classified as Dangerous Goods according to NZS5433

**3. Composition/Information on Ingredients.**

Chemical Entity	CAS Number	Proportion %w/w
Butyl Oxitol	111-76-2	5 - <10
Amino neutraliser	Not available	<1
Biocide	Blend	<1
Other ingredients: Non-hazardous or below the hazardous threshold – to 100%		

**4. First Aid Measures.**


<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.
<b>Further Information</b>	For advice contact the National Poisons Centre – 0800 POISON (0800 764 766) – or a doctor, immediately.

**5. Fire-Fighting Measures.**

<b>Suitable extinguishing media</b>	Carbon dioxide, dry chemical, foam, water fog or water mist.
<b>Unsuitable extinguishing media</b>	High volume water jet.
<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.

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<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. Dilute with water and mop up, or absorb with an inert dry material 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.		
<b>Storage</b>	Protect from freezing. Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in suitable, labelled containers. Ensure that storage conditions comply with applicable local and national regulations.		
<b>8. Exposure Control/Personal Protection</b>			
<b>Exposure Standards</b>			
<b>Ingredient</b>	<b>WES - TWA</b>	<b>WES - STEL</b>	
Butyl Oxitol (skin)	25ppm 121mg/m3	-	NZ-WES
<b>Engineering Controls</b>	General ventilation and local exhaust should be suitable to keep vapour concentrations minimised. Ventilation equipment should be explosion-proof when operating in flammable zones.		
<b>Personal Protection</b>			
Respiratory	Wear a vapour respirator.		
Eyes	Wear chemical goggles.		
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	Black		
Odour	Mild odour		
pH	9.0 – 10.0		
Boiling Pt	100°C (water)		
Melting Pt	No data		
Flash Pt	Not applicable		
Explosive properties	Not applicable		
Vapour pressure	No data		



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Relative Density	~1.00
Water Solubility	Soluble
Viscosity	No data
Ignition temperature	No data
<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>	Extremes of temperature and direct sunlight. Protect from freezing.
<b>Incompatible materials</b>	Strong oxidising agents. Strong acids and bases.
<b>Hazardous decomposition products</b>	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Thermal decomposition may result in the release of toxic and/or irritating fumes.
<b>11. Toxicological Information</b>	
Original data sourced from CCID and/or raw material SDSs. Mixture rules applied.	
<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>Carcinogenic</b>	Not Classified
<b>Reproductive/Development Toxicity</b>	Not Classified
<b>STOT-SE</b>	Not Classified
<b>STOT-RE</b>	Not Classified
<b>Swallowed:</b>	Ingestion of this product may irritate the gastric tract causing nausea and vomiting.
<b>Inhaled:</b>	Inhalation of product vapours may cause irritation of the nose, throat and respiratory system
<b>Skin:</b>	May be irritating to skin. The symptoms may include redness, itching and swelling.
<b>Eyes:</b>	May be irritating to eyes. The symptoms may include redness, itching and tearing.
<b>Chronic Effects:</b>	Prolonged or repeated exposure to skin may cause dermatitis.
<b>Toxicity Data</b>	
<b>Product Acute Toxicity Estimate</b>	
ORAL LD50 >2000 mg/kg	
DERMAL LD50 >2000 mg/kg	
INHALATION LC50 (dust/mist) >5 mg/L/4H	



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Ingredient:	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 mg/L/4H
Butyl Oxitol	1414 – Guinea Pig	>2000 – Guinea Pig	2.174 – Rat (dust/mist)
<b>12. Ecological Information</b>			
This product is not classified as Ecotoxic according to the criteria of HSNO. <b>Toxicity:</b> Data not available <b>Persistence &amp; Degradability:</b> Data not available. <b>Mobility:</b> Data not available. <b>Bioaccumulative Potential:</b> Data not available			
<b>13. Disposal Considerations.</b>			
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.			
<b>14. Transportation Information.</b>			
Not regulated for transport. Keep separated from foodstuffs.			
<b>15. Regulatory Information.</b>			
Not classified as hazardous according to the criteria of HSNO.			
This material is not subject to the following agreements: <ul style="list-style-type: none"> <li>• Montreal Protocol (Ozone Depleting Substances)</li> <li>• The Stockholm Convention (Persistent Organic Pollutants)</li> <li>• The Rotterdam Convention (Prior Informed Consent)</li> </ul>			
All ingredients are on the New Zealand Inventory of Chemicals (NZIoC), or exempt.			
<b>16. Other Information.</b>			
HSNO = Hazardous Substances and New Organisms Act 1996. 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: 23 February 2022 Replaces Version Dated: 8 April 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.