

Date of issue: 4.02.22

NZ Safety Data Sheet





1. Identification of the Substance/Mixture and Supplier.

Product Name:	NURACOAT BAC
Uses:	Alkyd Enamels, Silkscreen, Alkyd Superfine and Tech 201 Alkyds, Industrial Aluminium, Bituminous Aluminium, Quick Dry Aluminium
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 of HSNO.

DG Status: Classified as Dangerous Goods according to NZS5433

HAZARD CLASSIFICATIONS	HAZARD STATEMENTS	GHS Pictogram
Flammable liquids, Cat 3	H226 Flammable liquid and vapour.	
Reproductive toxicity, Cat 2	H361 Suspected of damaging fertility or the unborn child.	
STOT-RE, Cat 2	H373 May cause damage to organs through prolonged or repeated oral/inhalation exposure.	
Aquatic toxicity (Chronic), Cat 2	H411 Toxic to aquatic life with long lasting effects.	

Signal Word:	WARNING
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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.
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.
P260	Do not breathe mist/vapours/spray.
P273	Avoid release to the environment.
P280	Wear protective gloves/protective clothing/eye protection/face protection.



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RESPONSE STATEMENTS	
P370 + P378	In case of fire: Use foam, carbon dioxide or dry chemical powder for extinction.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
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.
P314	Get medical advice/attention if you feel unwell.
P391	Collect spillage.

STORAGE STATEMENTS	
P403 + P235	Store in a well-ventilated place. Keep cool.
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
Low aromatic hydrocarbon	64742-82-1	28-35
High aromatic hydrocarbon	64742-94-5	1.5 - 3
Xylene	1330-20-7	1-3


Other ingredients: Non-hazardous or below hazardous threshold – to 100%

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, Nitrogen 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).		
Small spill	Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble or 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.		
8. Exposure Control/Personal Protection			
Exposure Standards			
Product/Ingredient	WES/TWA	WES/STEL	Reference
Xylene	50ppm, 217mg/m3	-	NZ-WES
Engineering Controls	General ventilation and local exhaust should be suitable to keep vapour concentrations minimised. 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	Liquid		
Colour	White or coloured		
Odour	Hydrocarbon solvent		
Boiling Pt	139°C		
Flash Pt	Est. 38°C cc		
Vapour pressure	No data		



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Density	0.93 – 1.49 kg/L		
Water Solubility	Not soluble		
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 open flames, electrical spark and static electricity.		
Incompatible materials	Avoid strong oxidising agents.		
Hazardous decomposition products	Under normal conditions of storage and use, hazardous decomposition products should not be produced. Carbon oxides and other noxious substances given off in a fire		
11. Toxicological Information			
Original data sourced from EPA – mixture rules applied			
Acute Oral Toxicity	Not Classified		
Acute Dermal Toxicity	Not Classified		
Acute Inhalation Toxicity	Not Classified		
Acute Aspiration Toxicity	Triggered by calculation, but not applicable due to viscous nature of product - 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	Suspected of damaging fertility or the unborn child.		
STOT-SE	Not Classified		
STOT-RE	May cause damage to organs through prolonged or repeated exposure		
Toxicity Data			
Product Calculated Acute Toxicity			
ORAL LD50 >2000 mg/kg			
DERMAL LD50 >2000 mg/kg			
INHALATION LC50 (vapours) >20 mg/L/4H			
Ingredient:	Oral LD50 mg/kg	Dermal LD50 mg/kg	Inhalation LC50 mg/L/4H
Xylene	1590 – Mouse	1100	27.6 – Vap - Rat

12. Ecological Information	
This product is classified as Ecotoxic according to the criteria of HSNO.	
Toxic to aquatic life with long lasting effects.	
Ecotoxicity Data – sourced from EPA data	
Product Calculated Aquatic Ecotoxicity - L(E)C50: >1 - ≤10 mg/L	
Ingredients contributing to Aquatic Ecotoxicity:	
Ingredient	Classification
Low aromatic hydrocarbon	Chronic, cat 2
High aromatic hydrocarbon	Chronic, cat 2
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:	1263
Proper Shipping Name:	PAINT
Class:	3
Packing Group:	III
Hazchem:	3Y
Marine Pollutant:	Yes
Land/Sea/Air	EHSM also required for Sea/Air
	
15. Regulatory Information.	
Group Standard:	HSR002662 Surface Coatings & Colorants - Flammable
HSNO CONTROLS	
SDS required when any quantity is present in a workplace.	
At least 2 x 4.5kg powder fire extinguishers required when 500L is present in a workplace.	
Emergency Response Plan and Secondary Containment required when >1000L is present in a workplace	
Flammable signage required when >1000L is stored.	
Ecotoxic signage required when >1000L is stored.	



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(Flam Liq, Cat 3) Hazardous Substances Location Compliance Certificate required for:	>500L (closed containers >5L) >1500L (closed containers up to 5L) >250L (open containers)
(Flam Liq, Cat 3) Hazardous Atmosphere Zone required for:	>100L (closed containers) >25L (decanting) >5L (open occasionally) >1L (open containers in continuous use)
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. EPA = Environmental Protection Authority NZ WES = New Zealand Work Exposure Standard TWA = Time Weighted Average STEL = Short Term Exposure Limit Date of SDS Preparation: 4 February 2022 Replaces Version Dated: 21 April 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.