







Date of issue: 6.11.20

NZ Safety Data Sheet

1. Identification of the Substance/Mixture and Supplier.			
Product Name:	BITUTHENE ADHESIVE PRIMER B2 LVC		
Uses:	Specialty construction product		
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
HSNO	GHS Equivalent		
3.1C	Flammable liquids, Cat 3	H226 Flammable liquid and vapour.	
6.3A	Skin corrosion/irritation, Cat 2	H315 Causes skin irritation.	
6.6A	Germ cell mutagenicity, Cat 1A/1B	H340 May cause genetic defects.	
6.7A	Carcinogenicity, Cat 1A/1B	H350 May cause cancer.	
6.9A (repeat exposure)	STOT-RE, Cat 1	H372 Causes damage to organs through prolonged or repeated exposure.	
6.9B (repeat exposure)	STOT-RE, Cat 2	H373 May cause damage to the central nervous system through prolonged or repeated exposure.	
Signal Word:		DANGER	
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.		
P264	Wash thoroughly after handling.		
P270	Do not eat, drink or smoke when using this product.		
P280	Wear protective gloves/protective clothing/eye protection/face protection.		


Date of issue: 6.11.20

NZ Safety Data Sheet

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.	
P314	Get medical advice/attention if you feel unwell.	
P303 + P361 + P353	IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.	
P302 + P352	IF ON SKIN: Wash with plenty of soap and water.	
P332 + P313	If skin irritation occurs: Get medical advice/attention.	
P363	Wash contaminated clothing before reuse.	
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
Hydrocarbon Resin	68478-07-9	30-50
Xylene (o)	95-47-6	10-20
Stoddard solvent	8052-41-3	2.0-5.0
Paraffin waxes and hydrocarbon waxes	63449-39-8	1.0-2.0
Asphalt	8052-42-4	1.0-2.0
Ethylbenzene	100-41-4	0.1-1.0
Other ingredients: Non-hazardous or below the 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 sand, foam, dry chemical or CO ₂ .	
Unsuitable extinguishing media	Water	
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.	

Date of issue: 6.11.20

NZ Safety Data Sheet

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	Stop leak if without risk. Move containers from spill area. Absorb with an inert dry material (eg sand or vermiculite) and place in an appropriate waste disposal container. Use spark-proof tools and explosion-proof equipment. Dispose of via a licensed 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. Prevent formation of aerosols. Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums. Keep ignition sources away - Do not smoke. Use only in explosion protected area. Protect against electrostatic charges. Use explosion-proof apparatus / fittings and spark-proof tools. Empty containers may retain hazardous residue, both liquid and vapour.		
Storage	Keep container dry and tightly closed, in a cool, well-ventilated area, away from direct sunlight. Use only in explosion protected area.		
8. Exposure Control/Personal Protection			
Exposure Standards			
Product/Ingredient	WES/TWA	WES/STEL	Reference
Xylene	50ppm, 217mg/m ³	-	NZ-WES
Stoddard Solvent (White Spirit)	100ppm, 525mg/m ³	-	NZ-WES
Asphalt fumes	5 mg/m ³		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.		

Date of issue: 6.11.20

NZ Safety Data Sheet

9. Physical and Chemical Properties	
PROPERTY	SPECIFICATION
Physical state	Liquid
Colour	According to product specification
Odour	Characteristic
pH	No data
Boiling Pt	161 °C
Melting Pt	No data
Flash Pt	27 °C
Explosive properties	LEL: 1.7%, UEL: 7.6% (v/v)
Vapour pressure @ 20°C	7 hPa (5.3 mm Hg)
Density @ 20°C	1 g/cm ³
Water Solubility	Not miscible, or difficult to mix.
Viscosity	No data
Ignition temperature	465 °C
Auto Ignition Temperature	Product is not self-igniting.
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	No data
Incompatible materials	No data
Hazardous decomposition products	Carbon monoxide and carbon dioxide Other potentially hazardous products may also be formed.
11. Toxicological Information	
Data sourced from manufacturer (GCP) – mixture rules applied:	
Classification:	Skin Corrosion/Irritancy – 6.3A
Health Effects:	Causes skin irritation.
Classification:	Mutagenic – 6.6A
Health Effects:	May cause genetic defects.
Classification:	Carcinogenic – 6.7A
Health Effects:	May cause cancer.
Classification:	STOT-RE – 6.9A/B
Health Effects:	Causes damage to organs through prolonged or repeated exposure. May cause damage to the central nervous system through prolonged or repeated exposure.
Acute Oral Toxicity	Not Classified
Acute Dermal Toxicity	Not Classified
Acute Inhalation Toxicity	Not Classified
Acute Aspiration Toxicity	Not Classified
Eye Irritancy/Corrosion	Not Classified
Respiratory Sensitisation	Not Classified
Skin Sensitisation	Not Classified

Date of issue: 6.11.20 NZ Safety Data Sheet

Reproductive/Development Toxicity	Not Classified
STOT-SE	Not Classified
Toxicity Data	
Product Acute Toxicity Estimate	
ORAL LD50 >5000 mg/kg	
DERMAL LD50 >5000 mg/kg	
INHALATION LC50 (vapours) >20 mg/L/4H	
12. Ecological Information	
<p>This product is not classified as Ecotoxic according to the criteria of HSNO.</p> <p>Do not allow product to reach ground water, water course or sewage system, even in small quantities. Danger to drinking water if even extremely small quantities leak into the ground.</p> <p>Toxicity: Data not available Persistence & Degradability: Data not available. Mobility: Data not available. Bioaccumulative Potential: Data not available</p>	
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:	3295
Proper Shipping Name:	HYDROCARBONS, LIQUID, N.O.S.
Class:	3
Packing Group:	III
Hazchem:	3Y
Marine Pollutant:	No
15. Regulatory Information.	
Group Standard:	HSR002669 Surface Coatings & Colorants – Flammable, Toxic (6.7)
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.	





Date of issue: 6.11.20 NZ Safety Data Sheet

(Class 3.1C) Hazardous Substances Location Compliance Certificate required for:	>500L (closed containers >5L) >1500L (closed containers up to 5L) >250L (open containers)
(Class 3.1C) 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. NZ WES = New Zealand Work Exposure Standard TWA = Time Weighted Average STEL = Short Term Exposure Limit Date of SDS Preparation: 6 November 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.