

BITUTHENE® SOLVENT PRIMER

SAFETY DATA SHEET



1. Identification of the Substance/Mixture and Supplier

Product Name:	BITUTHENE® SOLVENT PRIMER
Uses:	Waterproofing coating
Supplier:	Allco Waterproofing Solutions 5 Te Kea Place, Albany Auckland 0632 New Zealand
Telephone:	+64 9 448 1185
Web:	www.allco.co.nz
Emergency Telephone:	021 441 329
National Poisons Centre Tel:	0800 POISON (0800 764766) – 24 hrs

2. Hazards Identification

HSNO Status:	Classified as hazardous according to the criteria of HSNO.	
DG Status:	Classified as Dangerous Goods according to NZS5433.	
Hazard Classifications - GHS	Hazard Statements	GHS Pictogram
Flammable liquids, Cat 3	H226 Flammable liquid and vapour	
STOT-SE, Cat 3	H335 May cause respiratory irritation	
Skin corrosion/irritation, Cat 2	H315 Causes skin irritation	
Serious eye damage/irritation, Cat 2A	H319 Causes serious eye irritation	
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 exposure (oral/inhalation).	
Signal Word:	WARNING	
PREVENTION STATEMENTS		
P102	Keep out of reach of children.	
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.	
P271	Use only outdoors or in a well-ventilated area.	
P273	Avoid release to the environment.	
P280	Wear protective gloves/protective clothing/eye and face protection.	

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2. Hazards Identification

RESPONSE STATEMENTS

P101	If medical advice is needed, have product container or label at hand.
P308 + P313	IF exposed or concerned: Get medical advice/attention.
P304 + P340	IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.
P312	Call a POISON CENTER or doctor/physician 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.
P362	Take off contaminated clothing and wash before reuse.
P332 + P313	If skin irritation or rash occurs: Get medical advice/attention
P305 + P351 + P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313	If eye irritation persists: Get medical advice/attention.
P370 + P378	In case of fire: Use foam, carbon dioxide or dry chemical powder for extinction.

STORAGE STATEMENTS

P403 + P235	Store in a well-ventilated place. Keep cool.
P233	Keep container tightly closed.
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.
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3. Composition/Information on Ingredients

Chemical Entity	CAS Number	Proportion %w/w
Xylene	1330-20-7	50 - <100
Bitumen Asphalt	8052-42-4	50 - <100

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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	May cause dizziness. 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:
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. Pick up mechanically, and place in an appropriate waste disposal container. Dispose of via a licensed hazardous waste disposal contractor.

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7. Handling and Storage

Handling:	Prevent formation of aerosols. Flammable mixtures with air can be formed in emptied containers. Do not puncture, cut, drill, heat or weld uncleaned drums. Do not eat, drink or smoke when using this product. Use only outdoors or in a well-ventilated area. Keep ignition sources away - Do not smoke. Protect against electrostatic charges. Use explosion-proof apparatus / fittings and spark-proof tools. Empty containers may retain hazardous residue, both liquid and vapour. Do not cut, drill, grind or weld on or near container, whether empty or full. Ensure good interior ventilation, especially at floor level. (Fumes are heavier than air). Ground/bond container and receiving equipment.
Storage:	Keep only in original container. 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/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 shield.		
Hands	Wear chemical gloves – PVC, Polychlorpropene or Nitrile.		
Other	Wear overalls or dust coat. Use PVC apron when handling large quantities.		

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9. Physical and Chemical Properties

PROPERTY	SPECIFICATION
Physical state	Liquid
Colour	According to product specification
Odour	Characteristic
pH	No data
Boiling Pt	110 °C
Flash Pt	27 °C
Melting Pt	No data
Explosive properties	In use, may form flammable/explosive vapour-air mixture
Vapour pressure	No data
Density	~ 1 g/mL
Water Solubility	Insoluble
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	Keep away from heat/sparks/open flames/hot surfaces. No smoking.
Incompatible materials	No data
Hazardous decomposition products	Carbon monoxide and carbon dioxide, possibly HCN. Combustion may release Carbon oxides, Nitrogen oxides and other noxious substances

11. Toxicological Information

Original data sourced from CCID/raw material SDS – Mixture rules applied.	
Classification:	Eye Corrosion/Irritancy, Cat 2A
Health Effects:	Causes serious eye irritation.
Classification:	Reproductive toxicity, Cat 2
Health Effects:	Suspected of damaging fertility or the unborn child.
Classification:	STOT-RE, Cat 2
Health Effects:	May cause damage to organs through prolonged or repeated exposure.
Classification:	STOT-SE, Cat 3
Health Effects:	May cause respiratory irritation
Acute Oral Toxicity	Not Classified
Acute Dermal Toxicity	Not Classified
Acute Inhalation Toxicity	Not Classified
Acute Aspiration Toxicity	Not Classified
Respiratory Sensitisation	Not Classified
Skin Sensitisation	Not Classified
Mutagenic	Not Classified
Carcinogenic	Not Classified

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11. Toxicological Information

Toxicity Data			
Product Acute Toxicity Estimate			
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	Inhal. LC50 mg/L/4H
Xylene	1590 – Mouse	11100	27.6 – Vap - Rat

12. Ecological Information

This product is not classified as Ecotoxic according to the criteria of HSNO.	
Toxicity	Data not available
Persistence & Degradability	Rapidly Degradable: Yes BIODEGREDDATION: Readily degradable = Yes [N-CLASS]
Mobility	Data not available
Bioaccumulative Potential	Biocumulative: No BCF: 21 [N-CLASS]
Other	Not known to be hazardous to water.

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

Regulated for transport	Keep separated from foodstuffs.
UN Number:	1999
Proper Shipping Name:	TARS, LIQUID mixture
Class:	3
Packing Group:	III
Hazchem:	3Y
Marine Pollutant:	No



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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.	
Toxic signage required when >10,000L is stored.	
(Class 3.1C/ Flammable liquids, Cat 3) Hazardous Substances Location	>500L (closed containers >5L) >1500L (closed containers up to 5L)
Compliance Certificate required for:	>250L (open containers)
(Class 3.1C/ Flammable liquids, 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
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: 11 November 2025