A Unit 9, 12 Billabong Street
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T +61 7 3352 3909
E customerservice@pacsolutions.com.au
ABN 39 083 322 141

Safety Data Sheet

Section 1 – Identification

Product Name – PBOND1100

Product Name: PBOND1100

Other Means of Identification: Mixture

Recommended Use of the Chemical & Restriction on Use: Adhesive, sealant, or, building and construction binders

Details of Manufacturer/Importer: Packaging Adhesive Equipment Consultants & Solutions Pty Ltd
Address: Unit 9, 12 Billabong Street, Stafford, QLD 4053, Australia
Telephone: +61 7 3352 3909
Emergency Telephone: Norman Clarke 0408 621 662

Section 2 – Hazard(s) Identification

Hazardous Nature:
Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.
Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (7th edition), IATA and IMDG/IMSBC.

Skin Sensitisation 1	H317 May cause an allergic skin reaction.
Aquatic Acute 3	H402 Harmful to aquatic life.
Aquatic Chronic 3	H412 Harmful to aquatic life with long lasting effects.
Signal Word	Warning

Hazard Statements
H317 May cause an allergic skin reaction.
H412 Harmful to aquatic life with long lasting effects.

Precautionary Statements

P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P272	Contaminated work clothing should not be allowed out of the workplace.
P273	Avoid release to the environment.
P280	Wear protective gloves.
P302+P352	IF ON SKIN: Wash with plenty of water.
P362+P364	Take off contaminated clothing and wash it before reuse.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P321	Specific treatment (see on this label).
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

Section 3 – Composition and Information on Ingredients

Chemical Characterisation: **Mixtures**
Description: Mixture of substances listed below with nonhazardous additions.

Hazardous Components:		
CAS: 108-05-4	Vinyl acetate	<0.1%
	Flammable Liquids 2, H225; Germ Cell Mutagenicity 2, H341; Carcinogenicity 2, H351; Acute Toxicity (Inhalation) 4, H332; STOT SE 3, H335	

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Section 3 – Composition and Information on Ingredients Cont… Product Name – PBOND1100

CAS: 2634-33-5	1,2-Benzisothiazol-3(2H)-one	≤0.008%
	Eye Damage 1, H318; Aquatic Acute 1, H400; Acute Toxicity (Oral) 4, H302; Skin Corrosion/Irritation 2, H315; Skin Sensitisation 1A, H317	
CAS: 55965-84-9	Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2Hisothiazol-3-one (3:1)	≤0.005%
	Acute Toxicity (Oral) 3, H301; Acute Toxicity (Dermal) 3, H311; Acute Toxicity (Inhalation) 3, H331; Skin Corrosion/Irritation 1B, H314; Aquatic Acute 1, H400 (M=100); Aquatic Chronic 1, H410 (M=100); Skin Sensitisation 1, H317	
CAS: 2682-20-4	Methylisothiazolinone	≤0.005%
	Acute Toxicity (Oral) 3, H301; Acute Toxicity (Dermal) 3, H311; Acute Toxicity (Inhalation) 2, H330; Skin Corrosion/Irritation 1B, H314; Aquatic Acute 1, H400 (M=10); Aquatic Chronic 1, H410 (M=1); Skin Sensitisation 1A, H317	
Non Hazardous Components:		
CAS: 24937-78-8	Ethyl vinyl acetate copolymer	≥55%

Section 4 – First Aid Measures

Inhalation:
If inhaled, remove to fresh air. Seek medical attention if breathing problems develop.
Skin Contact:
In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if irritation occurs.
Eye Contact:
In case of eye contact, rinse with water for several minutes, including under eyelids. Remove contact lenses, if present and easy to do. Continue rinsing for at least 15 minutes. Seek medical attention if irritation persists.
Ingestion:
If swallowed, do not induce vomiting. Immediately rinse mouth with water. Never give anything by mouth to an unconscious person. Seek medical attention if feeling unwell.
Symptoms Caused by Exposure:

Inhalation:	May cause respiratory irritation.
Skin Contact:	May cause skin irritation. May cause an allergic skin reaction.
Eye Contact:	May cause eye irritation.
Ingestion:	May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

Section 5 – Fire Fighting Measures

Suitable Extinguishing Media: Use fire extinguishing methods suitable to surrounding conditions.
Specific Hazards Arising from the Chemical:
Hazardous combustion products include oxides of carbon.
Product is not flammable. If dried up, product is combustible.
Containers close to fire should be removed only if safe to do so. Use water spray to cool fire exposed containers.
Prevent run-off from firefighting entering drains or water courses.
Special Protective Equipment & Precautions for Fire Fighters:
When fighting a major fire, wear self-contained breathing apparatus and protective equipment.

Section 6 –Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures:
Wear protective equipment. Keep unprotected persons away. Take care as spill may cause a slip hazard.
Environmental Precautions:
In the event of a major spill, prevent spillage from entering drains or water courses.
Inform respective authorities in case of seepage into water course or sewage system.
Methods and Materials for Containment and Cleaning Up:
Stop leak if safe to do so and absorb spill with sand, earth, vermiculite or some other absorbent material. Allow to solidify and pick up mechanically. For large liquid spills (>1 drum) transfer by mechanical means such as a vacuum truck to a salvage tank.

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Section 7 – Handling and Storage

Product Name – PBOND1100

Precautions for Safe Handling:

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of vapours or mists.
Food, beverages and tobacco products should not be stored or consumed where this material is in use. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

Conditions for Safe Storage:

Store in a cool, dry and well ventilated area at temperatures between 5 - 40 °C. Keep container tightly closed when not in use. Protect from heat and other sources of ignition. Keep away from strong oxidising agents.

Section 8 – Exposure Controls & Personal Protection

Exposure Standards:

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

Engineering Controls:

Natural ventilation should be adequate under normal use conditions.

Respiratory Protection:

Respiratory protection is not required under normal use conditions.
Use an approved combination vapour and particulate respirator (filter type A/P2) under conditions where exposure to the substance is apparent (e.g. generation of high concentrations of mist or vapour, inadequate ventilation, development of respiratory tract irritation) and engineering controls are not feasible. See Australian Standards AS/NZS 1715 and 1716 for more information.

Skin Protection:

Plastic, rubber, natural rubber, butyl rubber, or nitrile rubber gloves. See Australian/New Zealand Standard AS/ NZS 2161 for more information.
When selecting gloves for use against certain chemicals, the degradation resistance, permeation rate and permeation breakthrough time should be considered.
Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

Eye and Face Protection:

Safety glasses with top and side shields or goggles. See Australian/New Zealand Standards AS/NZS 1336 and 1337 for more information.

Section 9 –Physical and Chemical Properties

Appearance:	
Form:	Liquid
Colour:	Whitish
Odour:	Faint
Odour Threshold:	No information available
pH-Value:	4.5-6.5
Melting point/freezing point:	No information available
Initial Boiling Point/Boiling Range:	No information available
Flash Point:	No information available
Flammability (solid, gas):	Not applicable
Auto-ignition Temperature:	No information available
Decomposition Temperature:	No information available
Explosion Limits:	
Lower:	No information available
Upper:	No information available
Vapour Pressure:	No information available
Density:	~1.07 g/cm^3
Relative Density:	Not Determined
Vapour Density:	No information available
Evaporation Rate:	No information available
Solubility in Water:	Forms an emulsion in water
Partition Coefficient (n-octanol/water):	No information available
Viscosity:	1500-2500 mPas

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Section 10 - Stability and Reactivity

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Possibility of Hazardous Reactions: No dangerous reactions known under conditions of normal use.
Chemical Stability: Stable at ambient temperature and under normal conditions of storage and use.
Conditions to Avoid: Temperatures below 5 °C and above 40 °C. Heat and other sources of ignition.
Incompatible Materials: Strong oxidising agents.
Hazardous Decomposition Products: Oxides of carbon.

Section 11 – Toxilogical Information

Toxicity:

LD50/LC50 Values:		
CAS: 55965-84-9 Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2Hisothiazol-3-one (3:1)		
Oral	LD50	67 mg/kg (Rattus norvegicus (rat))
Inhalation	LC50/4 h	0.17 mg/l (Rattus norvegicus (rat))

Acute Health Effects

Inhalation: May cause respiratory irritation.
Skin: May cause skin irritation. May cause an allergic skin reaction.
Eye: May cause eye irritation.
Ingestion: May cause gastrointestinal irritation, nausea, diarrhoea and vomiting.

Skin Corrosion / Irritation: Based on classification principles, the classification criteria are not met.
Serious Eye Damage / Irritation: Based on classification principles, the classification criteria are not met.
Respiratory or Skin Sensitisation: May cause an allergic skin reaction.
Germ Cell Mutagenicity: Based on classification principles, the classification criteria are not met.
Carcinogenicity: Based on classification principles, the classification criteria are not met.
Vinyl acetate is classified by IARC as Group 2B - Possibly carcinogenic to humans.
Reproductive Toxicity: Based on classification principles, the classification criteria are not met.
Specific Target Organ Toxicity (STOT) - Single Exposure: Based on classification principles, the classification criteria are not met.
Specific Target Organ Toxicity (STOT) - Repeated Exposure: Based on classification principles, the classification criteria are not met.
Aspiration Hazard: Based on classification principles, the classification criteria are not met.
Chronic Health Effects: No data associated with long term health effects.
Existing Conditions Aggravated by Exposure: No data available

Section 12 – Ecological Information

Ecotoxicity:

Aquatic toxicity:

Harmful to aquatic life with long lasting effects.

CAS: 55965-84-9 Mixture of: 5-chloro-2-methyl-4-isothiazolin-3-one and 2-methyl-2Hisothiazol-3-one (3:1)	
EC50/48 h	0.12 mg/l (Daphnia magna (water flea))
EC50/72 h	0.048 mg/l (Chlorophyta (green algae))
EC50/3 h	7.92 mg/l (Activated sludge)
LC50/96 h	0.32 mg/l (Lepomis macrochirus (bluegill))
	0.22 mg/l (Oncorhynchus mykiss (rainbow trout))

Persistence and Degradability: No data available on finished product.
Bioaccumulative Potential: No data available on finished product.
Mobility in Soil: No data available on finished product.
Other adverse effects: No further relevant information available.

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Section 13 – Disposal Considerations

Product Name – PBOND1100

Disposal Methods and Containers: Dispose according to applicable local and state government regulations.
Special Precautions for Landfill or Incineration:
Please consult your state Land Waste Management Authority for more information.

Section 14 – Transport Information

UN Number:	Not regulated
Proper Shipping Name:	Not regulated
Dangerous Goods Class:	Not regulated
Packing Group:	Not regulated

Section 15 – Regulatory Information

Australian Inventory of Industrial Chemicals:
All components are on the inventory, or in compliance with the inventory.
Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP) - Poison Schedule:
Not a scheduled poison.

Section 16 – Other Information

Date of Preparation or Last Revision: 05/08/2024
Prepared by: MSDS.COM.AU Pty Ltd www.msds.com.au

Abbreviations and acronyms:
GHS: Globally Harmonised System of Classification and Labelling of Chemicals
CAS: Chemical Abstracts Service (division of the American Chemical Society)
LC50: Lethal concentration, 50 percent
LD50: Lethal dose, 50 percent
IARC: International Agency for Research on Cancer
STEL: Short Term Exposure Limit
TWA: Time Weighted Average
NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)
Flammable Liquids 2: Flammable liquids - Category 2
Acute Toxicity (Oral) 3: Acute toxicity - Category 3
Acute Toxicity (Inhalation) 2: Acute toxicity - Category 2
Acute Toxicity (Inhalation) 4: Acute toxicity - Category 4
Skin Corrosion/Irritation 1B: Skin corrosion/irritation - Category 1B
Skin Corrosion/Irritation 2: Skin corrosion/irritation - Category 2
Eye Damage 1: Serious eye damage/eye irritation - Category 1
Skin Sensitisation 1: Skin sensitisation, Hazard Category 1
Skin Sensitisation 1A: Skin sensitisation, Hazard Category 1A
Germ Cell Mutagenicity 2: Germ cell mutagenicity - Category 2
Carcinogenicity 2: Carcinogenicity - Category 2
STOT SE 3: Specific target organ toxicity (single exposure) - Category 3
Aquatic Acute 1: Hazardous to the aquatic environment, short-term (Acute). Category 1
Aquatic Acute 3: Hazardous to the aquatic environment, short-term (Acute). Category 3
Aquatic Chronic 1: Hazardous to the aquatic environment, long-term (Chronic). Category 1
Aquatic Chronic 3: Hazardous to the aquatic environment, long-term (Chronic). Category 3

Disclaimer
This SDS is prepared in accord with the Safe Work Australia document "Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - July 2020".
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