

bituBOND®

SAFETY DATA SHEET

IDENTIFICATION OF THE PRODUCT AND THE SUPPLIER

Product Name	WPS bituBOND® Adhesive
Hazard Statement	Classified as Not Hazardous according to HSNO in New Zealand. Not classified as a Dangerous Good according to NZS5433:1999 Transport of Dangerous Goods on Land.
Recommended Use	Adhesive
Company	Waterproofing Systems Ltd
Address	PO Box 1113, Palmerston North, New Zealand
Telephone	+64 6 357 9148
Facsimile	+64 6 357 9410
Email	info@waterproofing.co.nz
Emergency Telephone Number	National Poisons Centre 0800 POISON or 0800 764 766
Emergency Response	
Date of Preparation	

HAZARDS IDENTIFICATION

Hazard Statement	Not hazardous.
Precautions	Not applicable.
HSNO Classifications	Not applicable.

COMPOSITION / INFORMATION ON INGREDIENTS

<i>Chemical Name</i>	<i>CAS</i>	<i>PROPORTION</i>
Non-hazardous ingredients	-	100%

FIRST AID MEASURES

If poisoning occurs, contact the National Poison Centre (New Zealand 0800 POISON or 0800 764 766).

First Aid Inhalation	Remove person to fresh air. Get medical advise if breathing becomes difficult.
Skin Contact	Remove contaminated clothing and wash skin with warm soapy water. Do not scrub. If swelling, redness, blistering or irritation occurs, get medical assistance.
Eye Contact	Hold open and flood with water for at least 15 minutes. Get medical advice.
Ingestion	Rinse mouth with water. Do not induce vomiting, give a glass of water to dilute and get medical advice immediately. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water.
Advice to Physician	Treat symptomatically.

FIRE FIGHTING MEASURES

Type of Hazard	Non-flammable material.
HAZCHEM Code	Not applicable.
Fire Hazard Properties	Not applicable.
Extinguishing Media	Not flammable, however if material is involved in a fire use water fog (or if unavailable a fine water spray), foam, or dry agent (carbon dioxide, dry chemical powder).
Unsuitable Extinguishing Media	Not applicable.
Precautions for Firefighters	Not applicable.
Additional Advice	Not applicable.

ACCIDENTAL RELEASE MEASURES

Small Spills (<20 litre)	Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Collect and seal in properly labelled containers or drums for disposal.
Large Spills (>20 litre)	Slippery when split. Avoid accidents and clean up immediately. Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Contain spills to prevent run off into drains and waterways. Use absorbent (rags, soil, sand, or other inert material). Collect and seal in properly labelled containers or drums for disposal.

HANDLING AND STORAGE

Handling	Wear the appropriate personal protection equipment as specified in this SDS to prevent eye and skin contact.
Storage	Store in a cool, dry, well ventilated place and out of direct sunlight. Store away from any incompatible materials as defined in Section 10 of this SDS. Keep containers closed when not in use. Check regularly for leaks.

EXPOSURE CONTROLS / PERSONAL PROTECTION

<i>Workplace Exposure Guidelines</i>	<i>WES-TWA</i>	<i>WES-STEL</i>
Not applicable	-	-
Engineering Controls	Natural ventilation should be adequate under normal conditions of use.	
Personal Protection Equipment	Overalls, safety shoes, safety glasses, gloves.	

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Thick black paste.
Odour	Sweet PVA.
Boiling Point °C	100
Specific Gravity	1.0
pH	9-11
Solubility in Water	High. High = >60% Medium = 10%-60% Low = 1%-10% Very Low = <1%

STABILITY AND REACTIVITY

Stability of Substance	This material is thermally stable when stored and used as directed.
Conditions to Avoid	No information available.
Incompatible Materials	No information available.
Hazardous Decomposition Products	Thermal decomposition is highly dependent on conditions. A complex mixture of airborne solids, liquids and gases, including carbon monoxide, carbon dioxide and other organic compounds will be evolved when this material undergoes combustion or thermal or oxidative degradation.
Hazardous Reactions	No information available.

TOXICOLOGICAL INFORMATION

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may arise if the product is mishandled and overexposure occurs are:

Acute Effects Inhalation	Product may be an irritant to mucous membranes and respiratory tract.
Skin Contact	Contact with skin may result in irritation. Repeated or prolonged contact may lead to irritation.
Eye Contact	May be an eye irritant.
Ingestion	Swallowing can result in nausea and vomiting.
Long Term Effects	No information available.

ECOLOGICAL INFORMATION

Avoid contaminating waterways.	
Ecotoxicity	Not classified as Ecotoxic under HSNO.
Persistence and Degradability	This product is expected to biodegrade slowly.
Mobility	Highly soluble in water.

DISPOSAL CONSIDERATIONS

Substance Disposal	Dispose of an authorised landfill. Do not dispose of down drains or into local waterways.
Container Disposal	Recycle or reuse if possible, or dispose of in an authorised landfill.
Local Legislation	Disposal should be in accordance with applicable regional and national laws and regulations.

TRANSPORT INFORMATION

Land Transport

Not classified as Dangerous Goods by the criteria of NZS 5433:1999 Transport of Dangerous Goods on Land for transport by road or rail.

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Good Regulations for transport by air.

REGULATORY INFORMATION

The regulatory information in not intended to be comprehensive. Other regulations may apply to this material.

Environmental Risk Management Authority (ERMA) Group Standard Number:

Not applicable.

Hazardous Substances and New Organisms Act (HSNO):

Approved Handler not required.

OTHER INFORMATION

SDS Revisions	Safety Data Sheets are updated at least every 5 years. A vertical bar in the margin indicates an amendment from the previous version.
Reason for Issue	First Issue
SDS Distribution	The information in this document should be made available to all who may handle this product.

This SDS summarises at the date of issue our best knowledge of the health and safety hazard information of this product, and in particular how to safely handle and use the product in the workplace. Since Waterproofing Systems Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this SDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact Waterproofing Systems Ltd.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers upon request.

Key / Legend

SDS	Safety Data Sheet
HSNO	Hazardous Substances and New Organisms Act 1996.
WES-TWA	The time-weighted average exposure standard designed to protect the worker from the effects of long-term exposure.
WES-STEL	The 15 minute average exposure standard. This applies to any 15 minute period in a working day and is designed to protect the worker against adverse effects of irritation, chronic or irreversible tissue change, or narcosis that may increase the likelihood of accidents. The WES-STEL is not an alternative to WES-TWA, both the short-term and time-weighted average exposures apply.

Disclaimer

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.