



MATERIAL SAFETY DATA SHEET

Issue Date July, 2010
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PRODUCT NAME **Aqua Blok Moisture Seal**

Material Safety Data Sheet

Aqua Blok Moisture Seal Part B

The information contained within this MSDS details health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user of this product should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Construction Technologies Australia Pty Ltd. Construction Technologies Australia Pty Ltd makes no representation as to the completeness and accuracy of the data contained in this data sheet. It is the user's obligation to evaluate and use this product safely, and to comply with all relevant Federal, State and Local Government laws and regulations. Construction Technologies Australia Pty Ltd shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendation or information contained herein, from abnormal use of the material, or any hazard inherent in the nature of the material.

COMPANY DETAILS

Company : Construction Technologies Australia Pty Ltd
Address : P. O. Box 1135, Browns Plains, QLD 4118, Australia
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HAZARDS IDENTIFICATION

Hazard Classification:

HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS

Hazard classification according to the criteria of NOHSC.

Dangerous goods classification according to the Australian Dangerous Goods Code.

Risk Phases:

R43 May cause sensitisation by skin contact

Safety Phases:

S2 Keep out of reach of children
S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
S36/37/39 Wear suitable protective clothing, gloves and eye/face protection
S45 In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S61 Avoid release to the environment. Refer to special Instructions/ Material Safety Data Sheets

COMPOSITION: Information on Ingredients

Chemical Characterization: Coloured viscous liquid

Chemical Ingredient	CAS No.	Proportion
Aliphatic Amine		10-30%
Other ingredients determined to be not hazardous to 100%.		



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FIRST AID MEASURES

General Information:	Keep the victim calm
Ingestion:	Immediately give plenty of water (if possible charcoal slurry). If a person vomits when lying on his back, place him in the Recovery position. Oxygen or artificial respiration if needed. Do not induce vomiting.
Eye Contact:	If contact with eyes occurs, wash with copious amounts of w ater for several minutes holding eyelids open. Take care not to rinse contaminated water into the non-affected eye. Seek medical attention.
Skin Contact:	Remove contaminated clothing and launder before re-use. Wash affected skin areas with soap and water. Do not use Solvents. If irritation persists seek medical attention.
Inhalation:	Remove from source of contamination or move to fresh air. If symptoms persist, call a physician.
First Aid Facilities:	Eye wash station, safety shower and normal wash room facilities.
Advice to Doctor:	Contact Poisons Information Centre. In Australia phone 131126

FIRE FIGHTING MEASURES

Suitable Extinguishing Media:	Water spray, foam, carbon dioxide or dry chemical powder. Do not use high volume water jet.
Hazards from Combustion Products:	Burning produces obnoxious and toxic fumes. Carbon monoxide, carbon dioxide, oxides of nitrogen.
Special Protective Equipment for Fire Fighters:	Fire-fighters must wear full protective equipment, including self-contained breathing apparatus.
Hazchem Code:	Not applicable

ACCIDENTAL RELEASE MEASURES

Emergency Procedures:	Prevent fluid from escaping to drains and waterways. Contain leaking packaging in a containment drum. Ensure drain valves are closed at all times. Avoid subsoil penetration. Clean up and report spills immediately.
Methods for	Eliminate all ignition sources. Increase ventilation if possible.



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Clean up: Contain spill using sand, earth, vermiculite or other suitable absorbent. Alternatively, add calcium chloride or alum to the spill to coagulate solids. Place contaminated absorbent in drums for disposal. Personnel involved in clean-up must use recommended protective equipment. Dispose of in accordance with Local Regulations.

HANDLING AND STORAGE

Safe Handling: Once the water is driven off the material is combustible. Avoid heat, sparks, flames and other ignition sources. Ensure ventilation is sufficient to prevent a build-up of vapour.
Safe Storage: Store in cool, dry, well-ventilated area away from sources of heat or ignition. This product should be stored away from food, drink and animal feeding stuffs. Keep containers closed at all times and check regularly for leaks.

EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards: No exposure standards have been established for this material by NOHSC.
Biological Limit Values: No biological limit allocated.
Engineering Controls: A local and/or general exhaust ventilation system is recommended to keep employee exposures as low as possible. The use of a local ventilation system (drawing vapours/mists away from workers breathing zone) is preferred. If cured material made from this product is to be cut or sanded, ensure that the dust is kept below the Worksafe Exposure Standard for respirable dusts (10mg/m3) or the ACGIH Exposure Standard for respirable dusts (3mg/m3).
Personal Protection Equipment: Wear laminated film, nitrile or other suitable gloves conforming to ASA/NZS 2161: Occupational protective gloves. Suitable protective footwear, e.g. cotton overalls buttoned at neck and wrists. Safety glasses with side shields or chemical goggles should be worn. If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable vapour/mist filter should be used. Reference should be made to Australian Standards AS/NZS 1715, Selection Use **Specific Gravity** 1.3 and Maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices, in order to make any necessary changes for individual circumstances.

PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Coloured, Viscous liquid
Odour	Mild amine
Boiling Point	Not available
Vapour Pressure	Not available
Vapour Density	Not available
Evaporation Rate	Not available
Solubility in Water	Soluble
Solubility(Aromatic solvent)	Insoluble
Specific Gravity	1.3
Flash Point	>100°C



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STABILITY AND REACTIVITY

Chemical Stability:	Stable under normal conditions of use. Avoid storage conditions that heat the product above 40°C. Keep containers closed when not in use.
Decomposition Temperature:	> 250°C
Conditions To Avoid:	Note: Take necessary action to avoid static electricity discharge.
Incompatible Materials:	Strong oxidising agents, acids and bases.
Hazardous Decomposition Products:	Burning produces obnoxious and toxic fumes. Carbon oxides. Nitrogen oxides (NOx). Product will not decompose explosively.
Polymerisation:	Polymerisation reactions are unlikely; they are not expected to occur.

TOXICOLOGICAL INFORMATION

Acute oral toxicity:	Remarks: No adverse health effects expected, however, large amounts may cause nausea and vomiting.
Acute inhalation toxicity:	Remarks: Where product is used in poorly ventilated areas, and/or in confined spaces and/or at elevated temperatures, vapours may be irritating to the respiratory system.
Eye irritation:	Severe eye irritation – rabbit
Skin irritation:	Irritating – rabbit – dermal
Sensitisation:	Causes sensitisation – guinea pig – dermal
Further information:	Chronic exposure: Product is a skin sensitiser. Repeated or prolonged skin contact may result in allergic contact dermatitis.

ECOLOGICAL INFORMATION

Specific data for this product is not available. However, avoid subsoil penetration. Prevent product from entering drains. Do not contaminate surface water.

DISPOSAL CONSIDERATIONS

Waste Disposal:	Dispose of in accordance with Local, State and Federal regulations. In some areas The hierarchy of controls that the user should always investigate: reduce, re-use and recycle and only if all else fails should disposal be considered i.e. controlled incineration, or landfill.
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TRANSPORT

Transport:	Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.
Storage and Transport:	Not classified as Dangerous Goods.

REGULATORY INFORMATION

Hazardous according to the criteria of NOHSC

Poisons Schedule:	S5
Hazard Category:	Irritant
R-Phase: R43	May cause sensitisation by skin contact
S-Phase(s): S2 S26 S36/37/39	Keep out of reach of children In case of contact with eyes, rinse immediately with plenty of water and seek medical advice Wear suitable protective clothing, gloves and eye/face protection.
S45	In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
S61	Avoid release to the environment. Refer to special instructions/ Material Safety Data Sheets.

OTHER INFORMATION

Reason for Issue:	Upgrade to 16-point MSDS format.
Acronyms:	
ACGIH	American Conference of Governmental Industrial Hygienists
CAS number	Chemical Abstracts Service Registry Number
Hazchem Code:	Emergency action code of numbers and letters that provide
IARC	International Agency for Research on Cancer Information to emergency services, especially fire-fighters.
NOHSC	National Occupational Health and Safety Commission

CONTACT POINT

CTA Customer Support : (07) 3489 3000 or info@ctaust.com.au
Australia Poisons Information Centre : 13 11 26
Police & Fire Brigade: : 000