



MATERIAL SAFETY DATA SHEET

Product Name: RAWMAT® HDB MEMBRANE

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name: RAWMAT® HDB MEMBRANE
Recommended use: Waterproofing and Protection of concrete.
Company Name: Rawell Environmental Ltd.
Address: Carr Lane, Hoylake, Wirral,
MERSEYSIDE, CH47 4AZ
Emergency Tel. +44 (0) 151 632 5771
Australian Distributor: Concrete Waterproofing Manufacturing Pty. Ltd.
45 Union Road
North Albury NSW 2641
Emergency Tel. 0260 402444

2. HAZARD IDENTIFICATION

STATEMENT OF HAZARDOUS NATURE: Classified as non-hazardous according to the criteria of the Australian Safety and Compensation Council ASCC (formerly National Occupational Health and Safety Commission - NOHSC) Approved Criteria For Classifying Substances [NOHSC:1008] 3rd Edition
Non – Dangerous Goods

Risk Phrases: Not applicable
Safety Phrases: Not applicable

3. COMPOSITION /INFORMATION ON INGREDIENTS

Ingredients:	<u>Name</u>	<u>CAS</u>	<u>Proportion</u>
	Bentonite Clay	1318-93-0	>90%
	Sodium Polyacrylate	9003-93-0	>10%
	Ingredients determined to be non-hazardous		100%

4. FIRST AID MEASURES

Eye contact: Quickly and gently irrigate with large amounts of water for at least 15-20 minutes. If discomfort - seek medical attention.
Skin Contact: Wash off skin with water. If discomfort persists – seek medical attention.
Inhalation: Remove person to fresh air and seek immediate medical attention.
Oral ingestion: Remove solid and wash out mouth with water. If ingested, seek immediate medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media:	Not applicable - Product is non-combustible.
Specific Hazards:	In contact with extinguishing water, the product can become slippery and cause a slip hazard.
Precautions for Fire-Fighters:	Fire fighters should wear full protective clothing and self contained breathing apparatus.
Hazchem Code:	Not applicable.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures:	Prevent spillage from entering storm water and sewer drains. Product swells in contact with water and becomes slip hazard.
Methods and materials for containment and clean up:	Carefully pick up and dispose in land fill in accordance with local regulations.

7. HANDLING AND STORAGE

Handling:	No special requirements for handling.
Storage:	Product should be stored in moderate environment, and protected from water.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure standards:	Not assigned (long term, 8 hours TWA)
Other information:	Bentonite Clay may be harmful by ingestion, as once in contact with aqueous solution the product expands >15 times.
Eng. Controls:	Not applicable.
Personal Protective	It is recommended that the user wear rubber gloves.. Additional safety precautions may include eyewash station and shower facility.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Solid, dark grey, plasticine/clay central core contained between two carrying fabrics, manufactured in sheet form.
Specific Gravity	Not applicable
Boiling/melting point:	Not applicable
Vapour pressure:	Not applicable
Vapour density:	Not applicable
Solubility:	Non-soluble
VOC Content:	None
Flash Point:	Not applicable
Flammability	Not applicable
Other properties	Non explosive

10. STABILITY AND REACTIVITY

Chemical Stability: Products are chemically stable.
Conditions to avoid: Protect from water.
Incompatible materials: Products are incompatible with strong acids.
Hazardous decomposition: Products will not decompose into hazardous by-products and it will not polymerise.
Hazardous reactions: Not applicable.

11. TOXICOLOGICAL INFORMATION

Toxicology Information: No toxicity data is available for these specific products

Effects of Acute(short term) exposure to products: Not applicable.

Effects of Chronic (long term) exposure to products: Not applicable – no evidence of carcinogenic or mutagenic properties and no evidence of tetraogenic effects.

12. ECOLOGICAL INFORMATION

Environ. Protection: Not expected to create environmental hazard unless dumped in massive quantities.
Mobility: Not available
Persistence/ Degradability: Not available
Mobility: Not available
Ecotoxicity: Not available

13. DISPOSAL CONSIDERATIONS

Disposal Procedures: Can be disposed of as common waste. Disposal should be in accordance with local, state and federal regulations.
Special precautions For landfill and Incineration: Non required

14. TRANSPORT INFORMATION

UN Number: Not classified as Dangerous Goods according to the Australian Code for the transport of Dangerous Goods by Road and Rail.
UN Proper shipping name: Non allocated

Class and subsidiary risk: Not applicable
Packing Group: Not applicable
Special precautions for user: No restrictions known for transport procedures.
Hazchem Code: None allocated

15. REGULATORY INFORMATION

Poisons schedule: None allocated
Hazard Category: Not applicable

16. OTHER INFORMATION

MSDS prepared by the Technical Services Department : 1st June 2008.

The information in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process. The information given is based on technical data that we believe to be reliable at the time of issuing the MSDS. Because conditions of use are outside our control, it is the responsibility of the user to verify safety data for combinations with other materials, or for the use in specific processes, and to verify waste disposal requirements.