MATERIAL SAFETY DATA SHEET

According to NOHSC: 2011 (2003) and HSNO CoP 8-1 (September 2006)

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product name:	**CONIPUR M 810 PART A**	
Other name:	None allocated	
Recommended use:	Part A of a two-component, solvent free sprayed polyurethane membrane.	
Supplier:	BASF Construction Chemicals Australia Pty Ltd. ABN 46 000 450 288	BASF New Zealand Ltd.
Address:	11 Stanton Road, Seven Hills, NSW, 2147 Australia	45 William Pickering Drive, Albany, Auckland, New Zealand
Telephone number:	+61 2 8811 4200	+64 9 414 7233
Facsimile:	+61 2 8811 3299	+64 9 414 7244
Emergency telephone number:	+61 417 658 263	

2. HAZARDS IDENTIFICATION

Hazard classification: HAZARDOUS SUBSTANCE. **NON DANGEROUS GOODS

Non Dangerous goods for transport according to ADG 7 (Special provision AU01)

**Dangerous good for transport according to IMDG / IATA

Hazardous according to the criteria in the Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001 and NOHSC.

Hazard Designation: Xn Harmful

Xi Irritant

N Dangerous for the environment

Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment

HSNO Classification	6.1D	Acutely toxic (oral)
	6.3A	Irritating to the skin
	6.4A	Irritating to the eyes
	6.9	Irritating to the respiratory system
Risk phrase(s):	R 21/22	Harmful in contact with skin and if swallowed.
	R 36	Irritating to eyes.
	R 48/22	Harmful: danger of serious damage to health by prolonged exposure if swallowed
	R 51/53	Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment
Safety phrase(s):	S 23.1	Do not breathe vapour/spray
	S 29/35	Do not empty into drains; dispose of this material and its container in a safe way.
	S 51	Use only in well-ventilated areas
	S 61	Avoid release to the environment. Refer to special instructions/Safety data sheets

3. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	CAS Number	Proportion
1,4-Butandiol	110-63-4	0.5 – 2.5 %
Non hazardous ingredients		To 100%

4. FIRST AID MEASURES

Inhalation: Take the casualty into the fresh air and keep warm. Keep at rest. If breathing is difficult, give artificial respiration. If unconscious, lay casualty in lateral position and call a doctor.

Eyes: While holding eyes open, gently flood with plenty of fresh water for 15 minutes. If irritation persists or recurs, seek medical attention.

Skin: Immediately remove all contaminated clothing. Wash contacted area thoroughly with soap and plenty of water and rinse. Do NOT use solvents or thinners. If irritation persists, seek medical attention.

Ingestion: Not a normal route of injury. Do NOT induce vomiting. Keep at rest. Wash mouth with water and seek medical attention immediately.

5. FIRE FIGHTING MEASURES

Suitable extinguishing media: Alcohol resistant foam, CO_2, Dry Chemical and Water Spray. Do not use Water Jet.

Hazards from combustion products: Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard.

Precautions and equipment for fire fighters: Appropriate breathing apparatus may be required. Cool endangered containers with water in case of fire. Do not allow the extinguishing water into the sewage system.

Hazchem code: 2X

6. ACCIDENTAL RELEASE MEASURES

Methods and materials for containment and clean up: Provide for sufficient ventilation. Small or major spills should be adsorbed with dry, inert filler (soil or sand) and place in containers for disposal according to local regulations (see Section 13). Clean preferably with a detergent; avoid use of solvents.

Environmental precautions: Do not allow to enter into drains, sewers or waterways. If the product contaminates lakes, rivers or sewage system, inform appropriate authorities in accordance with local regulations.

7. HANDLING AND STORAGE

Precautions for safe handling: Provide for fresh air ventilation. Avoid contact with skin and eyes. Do not eat or drink during work – no smoking. Comply with health and safety at work laws.

Conditions for safe storage: Store in a cool, dry and well ventilated area. Containers should be kept dry and sealed. Store under cover and away from direct sunlight, heat and moisture. Containers that are opened must be carefully resealed and kept upright to prevent leakage. Store away from strong oxidising agents, strongly alkaline and strongly acidic materials. Store at 5 -35°C. Avoid long-term exposure to elevated temperature. Keep out of reach of children.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls:	Ventilation is recommended under normal use conditions. Keep containers closed when not in use. Provide adequate ventilation.
Exposure Standards	None established.

Personal Protective Equipment (PPE):

Respiratory protection:	Type A1 if ventilation is inadequate.
Glove type (AS2161):	Butyl rubber gauntlets (>= 0.5 mm for >= 480 min). When using other gloves with a lower endurance, change them more often.
Eye protection:	Safety goggles, safety glasses with side-shields, face shield.
Clothing:	Overalls or similar light protective clothing.
Other:	Use barrier creams to protect skin from contact with the material. Always wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Coloured liquid
Odour:	Poor, characteristic.
pH:	Not available
Vapour pressure:	Not available
Solubility in water:	Insoluble
Specific gravity:	ca 1.06 g/cm3 at 20ºC
Melting point:	Not available
Flash point:	> 100ºC (DIN 53213)
Boiling point:	Not available
Flammability limits:	Not available
Viscosity:	2400 mPa.s at 20ºC

10. STABILITY AND REACTIVITY

Chemical stability:	Stable under recommended storage and handling conditions (see Section 7).
Incompatible materials:	Keep away from oxidising agents, strongly alkaline and strongly acidic materials in order to avoid exothermic reactions.
Hazardous decomposition products:	Carbon monoxide, carbon dioxide, smoke and oxides of nitrogen.
Hazardous reactions:	Exothermic reaction with incompatible materials.

11. TOXICOLOGICAL INFORMATION

Health Hazard Summary: Prolonged inhalation of vapours in high concentration may lead to headache, giddiness and nausea.

The product causes skin corrosions and serious damage to the eyes.

The product was classified in toxicological terms on the basis of the calculation procedure outlined within General Directive on Preparations (1999/45/EC).

Inhalation:	The vapour is likely to be irritating to the respiratory system. May produce headache, giddiness and nausea
Eyes:	Irritating to eyes. May cause serious damage to the eyes.
Skin contact:	Irritating to skin. May cause skin corrosions.
Ingestion:	The product is harmful by ingestion.
Toxicity Data:	Not available

12. ECOLOGICAL INFORMATION

Ecology: Do not discharge into drains, sewers or waterways.

Degradability not determined.

Aquatic Toxicity:

Specification:	Toxicity to fish (DIMETHYLMETHYLBENZENEDIAMINE; CAS-No.: 68479-98-1)
Parameters	LC50; Leuciscus idus.
Value / Dosage:	194 mg/l
Test period:	48 hr
Specification:	Toxicity to daphnia (DIMETHYLMETHYLBENZENEDIAMINE; CAS-No.: 68479-98-1)
Parameters	EC50; Daphnia magna Straus 1820
Value / Dosage:	0.5 mg/l
Test period:	48 hr

Toxicity to Bacteria:

Specification:	Toxicity to bacteria (DIMETHYLMETHYLBENZENEDIAMINE; CAS-No.: 68479-98-1)
Parameters	EC10; Pseudomonas putida
Value / Dosage:	170 mg/l
Test period:	24 hr

13. DISPOSAL CONSIDERATIONS

Disposal method and containers:	Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. Uncleaned packaging must be disposed of in the same manner as the medium.
Special precautions (landfill/incineration):	None known

14. TRANSPORT INFORMATION

UN number:	3082
UN proper shipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. - Dimethylbenzenediamine
Dangerous goods class:	9
Subsidiary risk:	None allocated
Packing group:	III
Hazchem code:	2X

15. REGULATORY INFORMATION

NICNAS / AICS:	All components are listed
Poisons Schedule:	Not Scheduled
HSNO Classifications:	6.1D, 6.3A, 6.4A, 6.9
ERMA Group Standard:	HSR002544
ERMA / NZIoC:	All components are listed
Tracking:	Not required
Approved Handler:	Not required

16. OTHER INFORMATION

Reason for issue: Update to combined Australia and New Zealand MSDS.

This MSDS summarises our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user 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 this company. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request. All information contained in this MSDS is as accurate and up-to-date as possible. No warranty expressed or implied is made as to its accuracy, reliability or completeness.