MATERIAL SAFETY DATA SHEET

UVX 4000
Waterproof Membrane

The information contained within this Technical Data, details product description, health and safety hazard information of the product and how to safely handle and use the product in the workplace. Also refer to MSDS for more information. Each user of this product should read the 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 Demtech Australia Pty Ltd. Demtech 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. Demtech 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 abnor-mal use of the material, or any hazard inherent in the nature of the material.

STATEMENT OF HAZARDOUS NATURE

Not classified as hazardous according to criteria of Worksafe Australia.

IDENTIFICATION	
Product Name	Cureflex –UVX 4000 Waterproof Membrane
Other Names	None
UN Number	None assigned
Dangerous Goods Class	None assigned
Subsidiary Risk	None assigned
Shipping Name	None assigned
Hazchem Code	None assigned
Poisons Schedule Number	None assigned
Major recommended uses	Waterproof membrane for wet areas

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IDENTIFICATION Cont.

Physical Description / Properties

Appearance	Sandstone/grey thixotropic liquid/paste
Boiling Point (°C)	100 °C approx. (water)
Vapour Pressure	As for water
Specific Gravity	Base Coat: 1.3kg/L – Roof Coat: 1.5kg/L
Flashpoint (°C)	N/A
Flammability Limits	N/A
Solubility in Water	Completely miscible

Other Properties

Evaporation Rate	Slower than butyl acetate
Vapour Density	Heavier than air
Form	Liquid
Stability	Stable
Hazardous Polymerisation	Will not occur
Materials to avoid	Strong acids and oxidizing agents

INGREDIENTS

Chemical Name:	CAS Number:	Proportion:
Styrene copolymer	-	40 – 70%
Sodium hydroxide	1310-73-2	0 – 0.20%
Styrene	100-42-5	0 – 0.10%

Contents: *High >60% Medium 10 – 60% Low 1 – 10% Very Low <1%*
**other ingredients determined not to be hazardous, including water, to 100%.*

HEALTH HAZARD INFORMATION

Health Effects	
Acute:	
Swallowed	No data supplied; but polymer is not expected to be harmful.
Eye	May be an eye irritant.
Skin	Prolonged or repeated contact with skin may result in slight skin irritation.
Inhaled	Excessive exposure to vapours or spray mist may cause slight irritation to eyes, nose and throat.
Chronic:	Principal routes of exposure are by accidental skin and eye contact and by inhalation of vapours especially at higher temperatures. As with any chemical product, contact with unprotected bare skin; inhalation of vapour, mist or dust in work place atmosphere; or ingestion in any form, should be avoided by observing good occupational work practice.
Swallowed	No data supplied; but polymer is not expected to be harmful.
Eye	Prolonged exposure may be an eye irritant.
Skin	Prolonged exposure may result in slight skin irritation.
Inhaled	Prolonged exposure to vapours or spray mist may cause slight irritation to eyes, nose and throat.

First Aid	
Swallowed	Give plenty of water. Seek medical assistance.
Eye	Immediately flush with large amounts of water for at 5-10 minutes; lifting upper and lower lids. Seek medical attention if irritation persists.
Skin	Wash with water and soap. Seek medical attention if irritation persists.
Inhaled	If affected, move subject to fresh air. Seek medical assistance if symptoms persist.
First Aid Facilities	Ensure availability of eye wash fountains and/or water access.
Advice to Doctor	Treat symptomatically.

PRECAUTIONS FOR USE

Exposure Standards - As established by the NOHSC

Chemical Name:	STL:		TWA:	
	mg/m3	ppm	mg/m3	ppm
Sodium Hydroxide	-	-	2	-
Styrene	426	100	213	50

** **Other Exposure information:** Exposure standards not established for product, or other ingredients.*

Engineering Controls	General ventilation is recommended during normal use. Local ventilation may be required during certain operations to prevent inhalation of vapours.

Personal Protection

Respirator Type (AS/NZS 1716)	Where concentrations in air may exceed the recommended exposure limits, or work practice or other means of exposure reduction are not adequate, approved respirator may be necessary to prevent overexposure by inhalation.
Glove Type	Neoprene/rubber gloves.
Eye Protection	Safety glasses as appropriate
Clothing	Protective clothing to cover body parts, e.g. long sleeved overalls or similar; and boots.
Other	Wash hands before smoking, eating, drinking or using the toilet and after finishing work. Observe the usual precautions when handling chemicals.
Flammability Fire Hazards	Product is non flammable according to the Australian Code for the Transport of Dangerous Goods; however dried film will burn in a general fire.

SAFE HANDLING INFORMATION

Storage and Transport

Location	Store in a dry cool area to prolong storage life.
Temperature Conditions	Best stored at room temperature; prevent from freezing.
Protection from Weather	Store undercover and away from heat sources, water and electric plant.
Storage Incompatibilities	N/A

SPILLS AND DISPOSAL

Clean Up Spills / Leaks	While product remains wet, floors will be slippery. Caution must be taken. ***Small spills:*** Wipe up and wash area with water. ***Large spills:*** Dike and contain spill with sand or earth. Do not contaminate streams, rivers, or water courses. Do not flush down drains and sewers. Inform local authority if liquid enters drains, sewers, streams, etc. Clean up before the material dries. Absorb the liquid with sand, earth or other absorbent. Place used absorbent in suitable, sealable labelled containers.
Disposal	Dispose of in accordance with local, state and federal regulations.
Precautions for Clean Up Crew	Nitrile rubber or PVC gloves.

FIRE / EXPLOSION HAZARDS

Hazard of Use / Storage	Product will not support combustion. Polymer will burn in a general fire, once all the water has been driven off.
List of Dangerous Decomposition or Combustion Products	Carbon monoxide, carbon dioxide, oxides of nitrogen, fumes and smoke.
Types of Extinguisher	Water, foam, CO^2 and dry chemical.
Precautions	Fire fighters should wear self-contained breathing apparatus.
Protective Clothing	None
Reactivity	None

OTHER INFORMATION

Ecology	Avoid contaminating waterways and sewers.
Packaging & Labelling	5 and 15L pails

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CONTACT POINT	
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Australia Poisons Information Centre	13 11 26
Police & Fire Brigade	000
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