

# MATERIAL SAFETY DATA SHEET

Approved by Quickwall Australia Pty Ltd

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Product Name: **QUICKWALL WATERPROOFING**

Date of Issue: 19/04/2006  
Infosafe No N/A

Classified as Non-Hazardous according to criteria of Worksafe Australia.

## IDENTIFICATION

Product Name	<b>QUICKWALL 100, 200, 300 Waterproofing</b>
UN Number	None Allocated
DG Class	None Allocated
Packing Group	None Allocated
Hazchem Code	None Allocated
Classified	
Poisons Schedule	Not Scheduled
Product Use	Surface Coatings – Waterproofing
Other Names	<b>QW 100, QW 200, 300 Flexible Waterproofing</b>

## PHYSICAL DATA / PROPERTIES

Appearance	White Milky Liquid
Boiling Point	100 deg C Water
Melting Point	Not Applicable
Flash Point	Not applicable
Solubility in Water	Completely miscible
Specific Gravity	Approx 1.01 – 1.07 (H2O=1)
Vapour Pressure	As for water

## OTHER PROPERTIES

Evaporation Rate	Slower than butyl acetate
Vapour Density	Heavier than air
Form	Liquid
Stability	Stable
Materials to Avoid	Strong acids and oxidising agents
Haz. Polymerisation	Will not occur

## INGREDIENTS / CHEMICAL ENTITY

	<u>CAS. Nos.</u>	<u>% by weight</u>
Styrene-butadiene copolymer	Proprietary	45 – 70%
Sodium hydroxide	1310-73-2	0 – 0.2%
Styrene	100-42-5	0 – 0.1%
Other non hazardous ingredients including water		to 100%

## HEALTH HAZARD INFORMATION

### HEALTH EFFECTS

Swallowed	No data supplied, but polymer is not expected to be harmful.
Eyes:	May cause irritation
Skin	Repeated or prolonged skin contact may lead to irritation or rash.

Inhaled:	Inhalation overexposure is not expected at normal use temperatures; however excessive exposure to vapours or spray mists may cause irritation to eyes, nose and throat.
Long Term Exposure	Prolonged or repeated contact with skin may result in irritation or rash.
<b>FIRST AID</b>	
Swallowed	Seek immediate medical assistance. A properly qualified person should make decision to induce vomiting.
Eyes	Flush eyes with a large amount of water for at least 15 minutes with eyelids held open. Seek specialist advice.
Skin	Wash affected skin areas thoroughly with soap and water. Remove contaminated clothing, including shoes. Seek medical assistance if symptoms persist.
Inhaled	Using proper respiratory protection, immediately remove the affected person from exposure to fresh air. Administer artificial respiration if breathing is stopped. Keep at rest. Seek medical assistance if symptoms persist.
First Aid Facilities	Eye wash fountains and safety showers should be easily accessible.
<b>ADVICE TO DOCTOR</b>	
Advice to Doctor	Treat symptomatically

<b>OTHER HEALTH HAZARD INFORMATION</b>
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Carcinogenicity	Styrene is classified as 'possibly carcinogenic to humans' by the International Agency for Research on Cancer (IARC). There should however be minimal risk, due to the very low levels of residual styrene. Detailed toxicological information is available on request.
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<b>PRECAUTIONS FOR USE</b>
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Exposure Limits Name	STEL (mgm3)	STEL (ppm)	TWA (mgm3)	TWA (ppm)
Sodium Hydroxide			2	
Styrene			213	50

Other Exposure Info	Exposure Standards not established for product, or other ingredients
Eng. Controls	General ventilation is recommended during normal use. Local ventilation may be required during certain operations to prevent inhalation of vapours.
Environment	The product should never enter wastewater streams without pre-treatment. The product may be eliminated to a large extent by means of absorption to the activated sludge. This chemical substance should not affect the degradation activity of the activated sludge in an adapted biological effluent treatment plant, if discharged correctly. Observe effluent discharge regulations.
Personal Protection	Respiratory Type – (AS1716) where concentrations in air may exceed the recommended exposure limits, or work practice or other means of exposure reductions are not adequate, approved respirator may be necessary to prevent overexposure by6 inhalation. Eye – Use chemical splash goggles (AS 1337 or approved equivalent). Hand – Protective gloves (Chloroprene/Nitrile/PVC/Rubber). Clothing – Long sleeved overalls. Footwear – Safety boots Hygenic Practices – Wash hands after use and before eating, drinking, smoking or using toilet.
Flammability	Not flammable under conditions of use. However, dried polymer will burn in a general fire.
Other Precautions	The precautionary measures normally applied when handling chemicals are

to be observed. Avoid prolonged contact with skin and eyes.

#### SAFE HANDLING INFORMATION

Handling and Storage	This product is not classified as dangerous goods under the provisions of the Australian Code for the Transport of Dangerous Goods by Road and Rail. No specific storage or transport requirements necessary. Store in a cool area to prolong storage life. Protect from frost.
Packaging and Labelling	No special requirements.
Spills & Disposal	Wear appropriate protection equipment. Do not contaminate streams, rivers or watercourses. Do not flush down drains and sewers. Inform local authority if liquid enters drains, sewers, streams, etc. Dike and contain spill with sand or earth. Clean up before the material dries. Absorb the liquid with sand, earth or other absorbent. Place used absorbent in suitable, sealable-labelled containers.
Water Disposal	Dispose of in accordance with Local, State and Federal regulations. Procedure – Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clean supernatant and flush to a chemical sewer. Incinerate liquid and contaminated solids in accordance with local, state and federal regulations.
Fire/Explosion Hazard	Usual Hazards – Material can splatter above 100 deg C / 212 deg F. Product will not support combustion. However, polymer will burn in a general fire, once all the water has been driven off. Extinguishing Agents – Use extinguishing media appropriate for surrounding fire, water spray or fog, foam carbon dioxide or dry chemical. Personal Protective Equipment – Wear self-contained breathing apparatus (pressure demand Australian Standards approved or equivalent) and full protective gear.
By-products/Decomposition	Carbon monoxide, carbon dioxide, oxides of nitrogen, fumes and smoke.

#### CONTACT POINT

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