

PRODUCT DATA SHEET

Material and Supply Company Details:

Product Name: Aquaflex Fibre Plus
Recommended Use: Elastomeric Under Tile Membrane
Supplier: Permatec Pty Ltd / T/A Aquaflex Waterproofing Products
ABN: 35-166-713-702
Address: Unit 2/45 Bay Road Taren Point NSW 2229
Telephone: (02) 9540-5355/ Fax: (02) 9540-5377
Email: sales@aquaflex.com.au
Emergency Telephone: (02) 9540-5355

Hazard Identification

Based on available information, this material is not classified as hazardous according to criteria of Safe Work Australia.

Position Schedule: Not Applicable

Dangerous Goods Classification: Not Classified as Dangerous Goods by the Criteria of the "Australian code for the Transport of Dangerous Goods by Road & Rail" and the "New Zealand NZS5433: Transport dangerous goods on land".

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Risk Phrases: Harmful by inhalation, irritating to eyes, respiratory system and skin, possible risk of irreversible effects, may cause sensitisation by inhalation and skin contact.

Composition Information

CHEMICAL ENTITY	CAS NO	PROPORTION
Additives, determined to be not hazardous		1-10%
Aqueous polymer dispersion		30-60%
Inert inorganic fillers		30-60%
Ingredients to be Non-Hazardous Balance		100%

First Aid

If poisoning occurs, contact a doctor or poisons information Centre (Ph: Australia 131 126, New Zealand 0800 764 766)

Inhalation:	Remove patient from exposure. Remove contaminated clothing. Keep patient warm and comfortable. Keep at rest until fully recovered. Ensure airways are clear. If breathing is difficult or cyanotic (blue), have a qualified person give oxygen through face mask. If breathing stopped give immediate artificial respiration and apply external cardiac massage. Seek immediate medical advice.
Skin Contact:	Promptly wash with soap and water. Remove contaminated clothing and wash before re-use. If swelling, redness, blistering or skin irritation occurs/ persists seek medical advice.
Eye Contact:	Immediately irrigate with copious quantity of clean water for at least 15 minutes. Hold eyelid open to flush product from under lid. Seek immediate medical assistance.
Ingestion:	Rinse mouth with water. Give water to drink. Do NOT induce vomiting. Seek immediate medical attention.
PPE for First Aiders:	Wear safety shoes, overalls, gloves, safety glasses. Available information suggest that gloves made from nitrile rubber should be suitable for intermittent contact. However due to variations in glove, construction and local conditions, the user should make a final assessment. Always wash hands before smoking, eating, drinking, or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.
Notes to Physician:	Treat Symptomatically. Effects may be delayed, if the patient has been subject to severe exposure then the patient should be kept under medical supervision for at least 48 hours.

Fire Fighting Measures

Hazchem Code: Not applicable Suitable

Extinguishing media: if material is involved in a fire use water fog (or if unavailable fine water spray), alcohol resistant foam, standard foam, dry agent (Carbon dioxide, dry chemical powder). Specific Hazards: Non Combustible Material
Fire Fighting further advice: Not combustible, however following evaporation of aqueous component residual material can burn if ignited.

Accidental Release Measure

Small Spills: Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours or dust. Wipe up with absorbent (Clean rag or paper towel). Collect and seal in properly labelled containers or drums for disposal.

Large Spills: Clear area of all unprotected personnel. Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up or wind or increase ventilation. Contain – prevent run off into drains and waterways. Use absorbent soil, sand or other inert material. Collect and seal in properly labelled containers or drums for disposal. If contamination of crops, sewers or waterways has occurred advise local emergency services.

Handling and Storage:

Handling: Avoid eye contact and repeated or prolonged skin contact and inhalation of vapours
Storage: Store in a cool, dry, well-ventilated place and out of direct sun light. Store away from incompatible material, keep containers closed when not in use – check regularly for leaks.

Exposure Controls/Personal Protection

National Occupational Exposure limits:

No value assigned for this specific material by Safe Work Australia

Biological Limit Values:

As per the “National Model Regulations for the control of Workplace Hazardous Substances (Safe Work Australia)” the ingredients in this material do not have Biological Limit Allocated.

Engineering Measures:

Natural ventilation should be adequate under normal use conditions.

Personal Protection Equipment: Safety shoes, overalls, gloves, safety glasses. Personal protective equipment (PPE) must be suitable for the nature of the work and any hazard associated with the work as identified by the risk assessment conducted. When handling individual retail packs no personal equipment is required.

Wear safety shoes, overalls, gloves, safety glasses. Available information suggest that gloves made from nitrile rubber should be suitable for intermittent contact. However due to variations in glove construction and local conditions, the user should make the final assessment. Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storing or re-using.

Hygiene Measures:

when using do not eat drink or smoke. Wash hands prior to eating, drinking or smoking, avoid contact with eyes, clothes and prolonged skin contact. Observe common sense and good industrial practices.

Physical and Chemical Properties:

Base Units:	Litres
Form:	Viscous Liquid
Colour:	Grey
Odour:	N Av
Solubility in Water:	Miscible
Specific Gravity (20°C):	1.3
Density:	N Av
Relative Vapour Density (air=1):	N Av
Vapour Pressure (20°C):	N Av
Flash Point (°C):	N App
Autoignition Temperature (°C):	N App
Melting Point Range (°C):	N Av
Boiling Point Range (°C):	N Av
Decomposition Point (°C):	N Av
pH:	9.5
Viscosity:	N Av
Total VOC (g/Litre):	N Av

Typical Values only – Consult specification sheet, N Av=Not Available, N App= Not Applicable

Stability and Reactivity

Chemical Stability:	This material is thermally stable when stored and used as directed.
Conditions to Avoid:	Elevated temperatures and sources of ignition.
Incompatible Materials:	Oxidising agents.
Hazardous Decomposition Products:	Oxides of carbon and nitrogen, smoke and other toxic fumes.
Hazardous Reaction:	Not known hazardous reactions

Toxicological Information

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product label. Symptoms or effects that may rise if the product is mishandled and overexposure occurs are:

Acute Effects:

Inhalation:	Material may be irritant to mucous membranes and respiratory tract. Skin Contact: Contact with skin may cause irritation. Ingestion: Swallowing can result in nausea, vomiting and irritation of the gastrointestinal tract.
Eye contact:	May be an eye irritant.

Acute Toxicity:

Inhalation:	This material has been classified as Non -hazardous, acute toxicity estimate (based on ingredients): LC50>20.0mg/L for vapours or LC50>5.0mg/L for dust and mist or LC50>20,000 ppm for gas.
Skin Contact:	This material has been classified as Non –hazardous. Acute toxicity estimated (based on ingredients): >2,000mg/kg bw
Ingestion:	This material has been classified as Non –hazardous. Acute Toxicity estimated (based on ingredients) >2,000mg/kg bw. Corrosion/Irritancy:
Eyes:	This material has been classified as not corrosive or irritating to the eyes.
Skin:	This material has been classified as not corrosive or irritating to the skin.
Inhalation:	This material has been classified as not a respiratory sensitiser.
Skin:	This material has been classified as not a skin sensitizer.
Aspiration	This material has been classified as non – hazardous. Specific target organ Toxicity
Hazard:	(single exposure): This material has been classified as non-hazardous.

Chronic Toxicity

Mutagenicity:	This material has been classified as non-hazardous.
Carcinogenicity:	This material has been classified as non-hazardous.
Reproductive Toxicity (including via lactation):	This material has been classified as non-hazardous.
Specific target organ toxicity (repeat exposure):	This material has been classified as non-hazardous

Ecological Information

Avoid contaminating waterways.
For MDI a pond study showed gross contamination caused no significant toxic effect on a wide range of Flora.
Acute & Long term aquatic hazard: No information available
Ecotoxicity: No information available
Persistence and degradability: No information available
Bioaccumulative Potential: No information available
Mobility: No information available

Disposal of Product

Disposal of Product: Persons conducting disposal, recycling or reclamation activities should ensure that appropriate personal protection equipment is used, see “Exposure controls and Personnel Protection” of the SDS.
If possible material and its container should be recycled. If material or container cannot be recycled, dispose in accordance with local, regional, national and international regulations.

Transport Information

Road and Rail Transport: not classified as Dangerous Goods by the criteria of the “Australian Code for Transport of Dangerous Goods by Road and Rail” and the “New Zealand NZS5433: Transport of dangerous goods on land.

Marine Transport: Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

Air Transport: Not classified as Dangerous Good by the criteria of the international Air Transport Association (IATA) Dangerous Goods Regulations for Transport by air.

Regulatory Information

This material is not subject to the following international agreements: Montreal Protocol (Ozone depleting substances), The Stockholm Convention (Persistent Organic Pollutants), The Rotterdam Convention (Prior Informed Consent), Basel Convention (Hazardous Waste), International Convention for the Prevention of pollution from ships (MARPOL).

Other Information

This information was prepared in good faith from the best information available at the time of issue. It is based on the present level of research and to this extent we believe it is accurate. However, no guarantee of accuracy is made or implied and since conditions of use are beyond our control, all information relevant to usage is offered without warranty. The manufacturer will not be held responsible for any unauthorised use of this information or for any modified or altered versions. If you are an employer it is your duty to tell your employees, and any other that be affected, or any hazards described in this sheet and of any precautions that should be taken. Data sheets are updated regularly, please ensure you have a current copy.

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Product Disclaimer

This Material Safety Data Sheet (MSDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this PDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Aquaflex Waterproofing products does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.