

**CALMARC CHEMICALS****MANUFACTURING INDUSTRIAL CHEMISTS**

16 GOONGARRIE ST, BAYSWATER WA 6053

TELEPHONE: Bus. (08) 93782022, Mobile: 0418 956 860 A/H (08) 9381 5052

Facsimile: (08) 9377 2575 A.C.N 009 026 386. ABN 18 340 289 669

**THIS PRODUCT IS NOT A HAZARDOUS SUBSTANCE AS DEFINED BY SAFE WORK AUSTRALIA****SECTION 1 – CHEMICAL PRODUCT AND COMPANY INFORMATION**

Product Name:	Attaflex
Manufacture Code:	ATFX
Emergency Telephone No:	(08) 9378 2022 0408 940 669 (08) 9381 5052
Email:	accounts@calmarc.com.au
Creation Date:	16 June 2003
SDS Responsibility:	Calmarc Chemical's Technical Sales (08) 9378 2022 0408 940 669
Other Information:	This SDS 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 SDS 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 of further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company. Our responsibilities for products sold are subject to our standard terms and conditions. A copy of our terms and conditions and technical information pamphlets are available upon request. <b>DISCLAIMER</b> This information is based on the present level of knowledge about safety requirements not specific properties. The listed data is therefore subject to change and revision without notice and cannot be guaranteed. No warranty expressed or implied is made as to accuracy, reliability or completeness of the detail in this document.

**SECTION 2 – HAZARDS INFORMATION/EMERGENCY OVERVIEW**

<b>Globally Harmonised System</b>	
Hazard Classification	Not hazardous according to the criteria of the Globally Harmonised System of classification and labelling of Chemicals (GHS).
Hazard Category	None allocated.
<b>Physical Data</b>	<b>Product is water based.</b>
<b>Use</b>	A coating for floors, walls and roofs. Waterproofing membrane for buildings and potable or stock water concrete tanks.
<b>Directions</b>	Apply by brush, roller or spray onto a dust free sound surface, primed [ <i>primer type dependant on surface and substrate</i> ] before application. Clean up with water.



# CALMARC CHEMICALS

## MANUFACTURING INDUSTRIAL CHEMISTS

16 GOONGARRIE ST, BAYSWATER WA 6053  
TELEPHONE: Bus. (08) 93782022, Mobile: 0418 956 860 A/H (08) 9381 5052  
Facsimile: (08) 9377 2575 A.C.N 009 026 386. ABN 18 340 289 669

### ACUTE HEALTH EFFECTS

<b>Swallowed</b>	Effects unknown. Small quantity (a few millilitres) is unlikely to cause more than temporary discomfort.
<b>Eye</b>	Strong irritant. May cause damage to the eyes on prolonged exposure.
<b>Skin</b>	May cause irritation. Repeated exposure may cause dermatitis to susceptible individuals due to the degreasing effect of the surfactants present.
<b>Inhalation</b>	Prolonged inhalation may cause irritation to the mucous membrane.
<b>Chronic</b>	None known at this time.

### SPECIAL HEALTH EFFECTS

<b>Environmental</b>	Do not allow products to enter drinking water, rivers and streams as it may harm vegetation and wildlife.
----------------------	---

### SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS No.	CONCENTRATION
Acrylic Polymers		30-60% m/m
Inert fillers		10-30% m/m
Water	7732-18-5	30-60% m/m
Other non-hazardous compounds and/or impurities		to make 100% m/m

### SECTION 4 – FIRST AID MEASURES

<b>Swallowed</b>	For a conscious patient, rinse the mouth with water and give plenty of water to drink and induce vomiting.
<b>Eye</b>	Flush with copious quantities of water for 15 minutes with eyes open. Seek medical advice.
<b>Skin</b>	Immediately remove all contaminated clothing. Wash the skin thoroughly with soap and water.
<b>Inhalation</b>	Remove to fresh air.
<b>Advice to Doctor</b>	Treat as for polymerised acrylic resins dispersed in water in the form of an emulsion or treat symptomatically.



# CALMARC CHEMICALS

## MANUFACTURING INDUSTRIAL CHEMISTS

16 GOONGARRIE ST, BAYSWATER WA 6053  
TELEPHONE: Bus. (08) 93782022, Mobile: 0418 956 860 A/H (08) 9381 5052  
Facsimile: (08) 9377 2575 A.C.N 009 026 386. ABN 18 340 289 669

### SECTION 5 – FIRE FIGHTING MEASURES

<b>Fire and Explosion</b>	Not flammable as supplied. Avoid strong heat sources which are able to boil off the water content.
<b>Ventilation</b>	Always have some form of ventilation when using or storing this product.
<b>Earthing</b>	Earth the product container if there is a potential for static electricity build up.
<b>Autoignition Temperature</b>	Only ignites in the presence of a very strong ignition source and only after the water is removed.
<b>Source of Ignition</b>	Keep away from open flame, sparks, high sources of heat transmission and static electricity discharge.
<b>Flash Point</b>	Not applicable – aqueous product.
<b>Extinguishing Media</b>	Use carbon dioxide, dry chemical extinguishers.
<b>Special Fire Fighting Procedures</b>	None
<b>Decomposition Products</b>	Carbon monoxide, carbon dioxide, nitrogen gases and vapours. Hazardous polymerisation will not occur.
<b>Upper Explosive Limit</b>	N/A
<b>Lower Explosive Limit</b>	N/A
<b>Reactivity</b>	Product may coagulate if in contact with flocculants, for example, organic solvents and/or solvent solutions.
<b>Protection of Firefighters</b>	Wear safety boots, non-flammable overalls, gloves, safety hat (with face shield) or firefighter helmet (preferred), goggles and self-contained breathing apparatus. All skin areas should be covered. Block all drains and water courses to inhibit any spillage into them.

### SECTION 6 – ACCIDENTAL RELEASE MEASURES

<b>Spills and Disposal</b>	Spills should be contained and absorbed with sand, vermiculite, attapulgitite or inert material. Place the contaminated material in a plastic or metal container and dispose of it at an industrial waste site. Do not allow the product to enter drains or waterways. Small amounts can cause high turbidity.
<b>Cleaning Protection</b>	Open up the area where spill or leak has occurred to ventilate direct vapours away. Attach earth leak cables to any containers in the spill area. Have absorbents, such as vermiculite, attapulgitite, cardboard or sand on hand to control flow of the spilled mobile product. Use wet vacuum cleaner or mop to collect any small spills.



# CALMARC CHEMICALS

## MANUFACTURING INDUSTRIAL CHEMISTS

16 GOONGARRIE ST, BAYSWATER WA 6053  
TELEPHONE: Bus. (08) 93782022, Mobile: 0418 956 860 A/H (08) 9381 5052  
Facsimile: (08) 9377 2575 A.C.N 009 026 386. ABN 18 340 289 669

### SECTION 7 – HANDLING AND STORAGE

<b>Protection against explosions and fires</b>	Keep containers on site away from sources of heat, sparks and earth if necessary, for static electricity. Use secure locked storage if possible and have forced or natural ventilation over worksite or storage areas.
<b>Packages</b>	The product is supplied in high density polypropylene bottles, jerry cans or cubes. Packaging group type II and III.
<b>Storage</b>	After decanting from containers, tightly reseal containers and store immediately. Store away from foodstuffs. Store in a cool, dry, well-ventilated area under cover between 5°C and 30°C. Store containers away from any heat sources, sparks. Do not store with oxidising agents or acids.

### SECTION 8 – EXPOSURE CONTROLS/PERSONAL PROTECTION

<b>Exposure Limits</b>	Keep exposure limits below these limits. It is unlikely that airborne concentration of the trace components would approach Safe Work Australia limits under normal conditions. If large amounts of the product are sprayed or force-dried, half-face respirators are recommended for indoors applications.
------------------------	--

INGREDIENT	TWA (Time Weighted Average)	STEL (Short Term Exposure Limit)
Methyl Methacrylate	TWA 100 ppm STEL 125 ppm	410 mg/m <sup>3</sup> 510 mg/m <sup>3</sup>

<b>Engineering Measures</b>	Apply in a well-ventilated area either externally or internally.
Airborne Exposure Limits	No airborne exposure limits have been established. A blanket limit of 10 mg/m <sup>3</sup> for dusts or mists is used in these cases.

#### PERSONAL PROTECTIVE EQUIPMENT

<b>Eye/Face Protection</b>	Wear safety glasses, goggles or preferably a face shield. In enclosed non-ventilated areas, an air line to full head cover helmet with mask may be necessary. Breathing mask to be suitable for organic vapours.
<b>Skin/Body Protection</b>	Wear vinyl, latex or PVC gloves for 8-hour day. Short-term protection (1 hour), natural rubber is suitable. Wear full coverall clothing protection with safety boots.
<b>Hygiene Measure</b>	Wash hands before meal breaks and at the end of a work period. Any contaminated clothing should be removed. Avoid inhaling any fumes on a long-term basis.



# CALMARC CHEMICALS

## MANUFACTURING INDUSTRIAL CHEMISTS

16 GOONGARRIE ST, BAYSWATER WA 6053  
TELEPHONE: Bus. (08) 93782022, Mobile: 0418 956 860 A/H (08) 9381 5052  
Facsimile: (08) 9377 2575 A.C.N 009 026 386. ABN 18 340 289 669

### SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Substance	Formulation of chemicals
Physical Form	High Viscosity Liquid
Colour	Depends on the colour of the ATTAFFLEX which is a reasonably viscous liquid. ATTAFFLEX is supplied in a smooth form or may have rubber or sand granules mixed through it.
Odour	Weak earthy
pH	8-10
Boiling Point	100°C at 760 mmHg
Melting Point	Not Applicable
Flash Point	Not Applicable
Freezing Point	0°C
Autoignition	Only ignites in the presence of a very strong ignition source and only after the water is removed.
Water Solubility	Miscible in liquid form. Insoluble as a dried film.
Specific Gravity	1.3 g/cc
Corrosivity	Not Corrosive

### SECTION 10 – STABILITY AND REACTIVITY

<b>Stability</b>	Stable as supplied at normal (average) atmospheric temperatures.
<b>Reactivity</b>	Product may coagulate if in contact with flocculants, for example, organic solvents and/or solvent solutions.
<b>Decomposition Products</b>	Carbon monoxide, carbon dioxide, nitrogen gases and vapours. Hazardous polymerisation will not occur.

### SECTION 11 – TOXICOLOGICAL INFORMATION

None Known.

### SECTION 12 – ECOLOGICAL INFORMATION

None Known.

### SECTION 13 – DISPOSAL CONSIDERATIONS

<b>Waste Disposal</b>	Allow absorbents to dry out in the open atmosphere. Contaminated product should be reprocessed by an approved organisation. Place any dried absorbent in plastic bags, seal and dispose at an approved site.
-----------------------	--



# CALMARC CHEMICALS

## MANUFACTURING INDUSTRIAL CHEMISTS

16 GOONGARRIE ST, BAYSWATER WA 6053  
TELEPHONE: Bus. (08) 93782022, Mobile: 0418 956 860 A/H (08) 9381 5052  
Facsimile: (08) 9377 2575 A.C.N 009 026 386. ABN 18 340 289 669

### SECTION 14 – TRANSPORT INFORMATION

Shipping Name	Attaflex
Other Names	Acrylic Methacrylic acid ester copolymer emulsion
Dangerous Goods Code	None
Subsidiary Risk	None
UN Number	None
Packaging Group	II or III
I.E.R.G. No.	None
HAZCHEM	None

### SECTION 15 – REGULATORY INFORMATION

None Known.

### SECTION 16 – OTHER INFORMATION

The details in this document are based on the state of our knowledge at the time of revision. They do not constitute an assurance of the described product properties in terms of statutory warranty requirements.

The providing of this document to a recipient does not relieve the recipient of his or her responsibility toward compliance with all laws and stipulations applicable to the product.

Directions for use are on the label and brochure describing **Attaflex**.

**SDS NEXT REVIEW DATE** 15 July 2028

**END OF SDS FOR ATTAFFLEX**