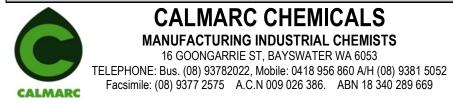
Page 1 of 6 Date of Issue: 31 July 2019



# THIS PRODUCT IS NOT A HAZARDOUS SUBSTANCE AS DEFINED BY SAFE WORK AUSTRALIA

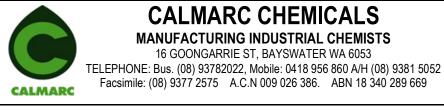
#### SECTION 1 - CHEMICAL PRODUCT AND COMPANY INFORMATION

Product Name: Manufacture Code:	TUFSEAL TFSL
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

Globally Harmonised System Hazard Classification	Not hazardous according to the criteria of the Globally Harmonised System of classification and labelling of Chemicals (GHS).
Hazard Category	None allocated.
Physical Data	Product is water based.
Use	A sealer for brick and/or block work, concrete, cementitious coatings and membrane coatings. Supplied clear or coloured.
Directions	Apply by brush, roller, spray onto a dust free, sound substrate before application. Clean up with water.
ACUTE HEALTH EFFECTS Swallowed	Effects unknown. Small quantity (a few millilitres) is unlikely to cause more than temporary discomfort.

Page 2 of 6 Date of Issue: 31 July 2019



Strong irritant. May cause damage to the eyes on prolonged exposure. May cause irritation. Repeated exposure may cause dermatitis to susceptible individuals due to the degreasing effect of the surfactants present. Inhalation Prolonged inhalation may cause irritation to the mucous membrane.

Chronic None known at this time.

#### SPECIAL HEALTH EFFECTS Environmental

Eye

Skin

Do not allow products to enter drinking water, rivers and streams as it may harm vegetation and wildlife.

#### **SECTION 3 – COMPOSTION/INFORMATION ON INGREDIENTS**

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

#### **SECTION 4 – FIRST AID MEASURES**

Swallowed	For a conscious patient, rinse the mouth with water and give plenty of water to drink and induce vomiting.
Еуе	Flush with copious quantities of water for 15 minutes with eyes open. Seek medical advice.
Skin	Immediately remove all contaminated clothing. Wash the skin thoroughly with soap and water.
Inhalation	Remove to fresh air.
Advice to Doctor	Treat as for polymerised acrylic resins dispersed in water in the form of an emulsion or treat symptomatically.
SECTION 5 – FIRE FIGHTING MEASURES	
Fire and Explosion	Not flammable as supplied. Avoid strong heat sources which are

	able to boil off the water content.
Ventilation	Always have some form of ventilation when using or storing this product.
Earthing	Earth the product container if there is a potential for state electricity build up.

**Autoignition Temperature** Only ignites in the presence of a very strong ignition source and only after the water is removed.

Page 3 of 6 Date of Issue: 31 July 2019



# 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

Source of Ignition	Keep away from open flame, sparks, high sources of heat transmission and static electricity discharge.
Flash Point	Not applicable – aqueous product.
Extinguishing Media	Use carbon dioxide, dry chemical extinguishers.
Special Fire Fighting Procedures	None
Decomposition Products	Carbon monoxide, carbon dioxide, nitrogen gases and vapours. Hazardous polymerisation will not occur.
Upper Explosive Limit	N/A
Lower Explosive Limit	N/A
Reactivity	Product may coagulate if in contact with flocculants, for example, organic solvents and/or solvent solutions.
Protection of Firefighters	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	
Spills and Disposal	Spills should be contained and absorbed with sand, vermiculite, attapulgite 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 dams or waterways. Small amounts can cause high turbidity.
Cleaning Protection	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 vermiculate, attapulgite, cardboard or sand on hand to control flow of the spilled mobile product. Use wet vacuum cleaner or mop to collect any small spills.
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The product is supplied in high density polypropylene bottles, jerry cans or cubes. Packaging group type II and III.

# MATERIAL SAFETY DATA SHEET Page 4 of 6 Product: TUFSEAL Date of Issue: 31 July 2019 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.

After decanting from containers, tightly reseal containers and

After decanting from containers, tightly reseal containers and store immediately. Store away from food stuffs. 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

**Exposure Limits** Keep exposure limits below these limits. It is unlikely that airborne concentration of the trace components would approach N.H. & M.R.C. limits under normal conditions. If large amounts of the product are sprayed or force-dried, half-face respirators are recommended for indoors applications.

# **Engineering Measures** 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

Storage

Eye/Face ProtectionWear safety glasses, goggles or preferably a face shield. In<br/>enclosed non ventilated areas, an air line to full head cover<br/>helmet with mask may be necessary. Breathing mask to be<br/>suitable for organic vapours.Skin/Body ProtectionWear vinyl, latex or PVC gloves for 8-hour day. Short-term<br/>protection (1 hour), natural rubber is suitable. Wear full coverall<br/>clothing protection with safety boots.

Hygiene MeasureWash hands before meal breaks and at the end of a work period.<br/>Any contaminated clothing should be removed. Avoid inhaling any<br/>fumes on a long-term basis.

#### **SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES**

Substance	Formulation of chemicals
Physical Form	Medium viscosity liquid
Colour	Milky white or coloured
Odour	Weak earthy
рН	8-10
Boiling Point	100°C at 760 mmHg
Melting Point	N/A
Flash Point	N/A
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	1.03 g/cc
Corrosivity	Not Corrosive

Page 5 of 6 Date of Issue: 31 July 2019



# **CALMARC CHEMICALS**

# MANUFACTURING INDUSTRIAL CHEMISTS

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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

CALMARC

#### **SECTION 10 – STABILITY AND REACTIVITY**

Stability	Stable as supplied at normal (average) atmospheric temperatures.
Reactivity	Product may coagulate if in contact with flocculants, for example, organic solvents and/or solvent solutions.
Decomposition Products	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**

Waste Disposal 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.

# **SECTION 14 – TRANSPORT INFORMATION**

Shipping Name Other Names Dangerous Goods Code Subsidiary Risk **UN Number** Packaging Group I.E.R.G. No. HAZCHEM

# Tufseal Acrylic Emulsion None None None

II or III None None

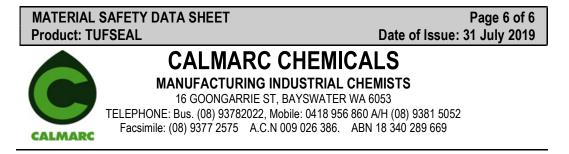
#### **SECTION 15 – REGULATORY INFORMATION**

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 Tufseal.

SDS NEXT REVIEW DATE 31 July 2024

END OF SDS FOR TUFSEAL