



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: Acrabit
Manufacture Code: ACBT
Emergency Telephone No: (08) 9378 2022
0408 940 669
(08) 9381 5052
Email: accounts@calmarc.com.au
Creation Date: 2 July 2018
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.

DISCLAIMER
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).

Signal Word **Warning**

Physical Data **Product is water based.**

Use Waterproof coating for retaining walls and planter boxes.

Directions Apply by brush, roller, spray onto a dust-free, sound and clean surface.

GHS Classification	Pictogram	Hazard Statement
Skin Corrosion/Irritation Category 3		H316 – Causes mild skin irritation.



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GENERAL	
P101	If medical advice is needed, have product container or label at hand.
P102	Keep out of reach of children.
P103	Read label before use.
PREVENTATIVE	
P262	Do not get in eyes, on skin, or on clothing.
RESPONSE	
P332 + P313	If skin irritation occurs: Get medical advice/attention.
STORAGE	
P403	Store in a well-ventilated place.
DISPOSAL	
P501	Dispose of contents/container in accordance with relevant regulations.

SECTION 3 – COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENTS	CAS No.	CONCENTRATION
Bitumen emulsion		30-60% m/m
Synthetic Polymers		30-60% m/m
Inert fillers		10-30% m/m

SECTION 4 – FIRST AID MEASURES

Swallowed	For advice, contact a Poisons Information Centre on 13 11 26 (Australia Wide) or a doctor (at once). If swallowed, do not induce vomiting.
Eye	If in eyes, hold eyelids apart and flush continuously with running water. Continue flushing until advised to stop by a Poisons Information Centre, a doctor, or for at least 15 minutes.
Skin	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. Continue flushing with water until advised to stop by a Poisons Information Centre or a doctor.
Inhalation	If inhaled, remove from contaminated area. To protect rescuer, use a Type A (organic vapour) respirator or an air-line respirator (in poorly ventilated areas). Apply artificial respiration if not breathing.
First aid facilities	Eye wash facilities and safety shower are recommended.



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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 static electricity build up.
Autoignition Temperature	Only ignites in the presence of a very strong ignition source and only after the water is removed.
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/sulphur oxides, sulphides, hydrocarbons, 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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SECTION 7 – HANDLING AND STORAGE

Protection against explosions and fires	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.
Packages	The product is supplied in high density polypropylene pails.
Storage	After decanting from containers, tightly reseal containers and store immediately. Store away from food stuffs. Store in a cool, dry, 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 NOHSC limits under normal conditions. If large amounts of the product are sprayed or force-dried, half-face respirators are recommended for indoors applications.
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INGREDIENT	TWA (Time Weighted Average)	STEL (Short Term Exposure Limit)
Methyl Methacrylate	100 ppm 410 mg/m ³	125 ppm 510 mg/m ³
Bitumen fume	- 5 mg/m ³	- -

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 10mg/m ³ for dusts or mists is used in these cases.

PERSONAL PROTECTIVE EQUIPMENT

Eye/Face Protection	Wear safety glasses, goggles or preferably a face shield. In enclosed non-ventilated areas, an airline to full head cover helmet with mask may be necessary. Breathing mask to be suitable for organic vapours.
Skin/Body Protection	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.
Hygiene Measure	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.



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SECTION 9 – PHYSICAL AND CHEMICAL PROPERTIES

Substance	Formulation of chemicals
Physical Form	Medium viscosity liquid
Colour	Black
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
Auto Ignition	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	1.05 g/cc
Corrosivity	Not Corrosive

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.
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SECTION 14 – TRANSPORT INFORMATION

Shipping Name	Acrabit
Other Names	Acrylic bitumen emulsion
Dangerous Goods Code	None
Subsidiary Risk	None
UN Number	None



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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 **Acrabit**.

SDS NEXT REVIEW DATE 2 July 2028

END OF SDS FOR ACRABIT