

## MATERIAL SAFETY DATA SHEET

## ACRYLIC MEMBRANE

### IDENTIFICATION

Product name:	-ACRYLIC MEMBRANE
Other name:	-ACRYLIC EMULSION
U.N. number:	-N/A
Dangerous Goods Class:	-N/A
Packaging Group:	-N/A
Hazchem Code	-N/A
Poison Schedule:	-N/A

### USE

Water proofing membrane for various surfaces, applied by brush or roller.

### Physical Description

Appearance:	-White coloured liquid or may be tinted
Boiling / Melting Point:	-100 - 0 <sup>o</sup> c
Vapour Pressure:	-Specific gravity
Flash Point:	-N/A
Flammability Limits	-N/A
Autoignition Temperature:	-N/A
Specific Gravity	-1.030
Solubility	-Miscible

### OTHER PROPERTIES

% Volatiles	60
pH	8 - 9

### INGREDIENTS

Chemical Entity	Cas No.	% Proportion
Water	7732-18-5	30 - 60
Acrylic Polymer		30 - 60
Titanium Dioxide	13463-67-7	10 - 30
2-Butoxy Ethanol	111-76-2	>2
Biocides		>2
White Spirits	8042-47-5	2 - 10

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### HEALTH EFFECTS - ACUTE

Swallowed: No toxic effects anticipated.

Eyes: Expected to cause no more than slight eye irritation.

Skin: Prolonged contact with skin and may result in irritation and / or a rash.

Inhaled: Not expected to present a vapour inhalation hazard.

### HEALTH EFFECTS - CHRONIC

Susceptible individuals may develop allergic reactions such as Dermatitis with prolonged skin contact. Wash hands thoroughly before eating or smoking. In the case of 2-Butoxy Ethanol, liquid and vapour can be absorbed through the skin with resultant toxic effects. Extended inhalation studies in rats resulted in effects on the lungs, liver, kidneys, and the blood at high concentrations. In all cases rapid recovery occurred after moving from exposure. No effects level was 25ppm.

### FIRST AID

Swallowed: Give a glass of water. Do Not induce vomiting. Seek medical attention.

Eye: Hold eyes open. Flood with water for at least 15 min. while holding eyelids apart. If irritation persists, see a doctor.

Skin: Remove all contaminated clothing. Wash effected area with soap and water or industrial skin cleanser. If irritation persists seek medical advice.

Inhaled: Remove to fresh air. If any effects are apparent. If discomfort persists seek medical advice.

First Aid Facility: Eye wash station. Showering facility.

Advice to Doctor: Treat symptomatically.

### PRECAUTIONS FOR USE

Exposure Standards:

Water-	N/A
Titanium Dioxide	10mg / m3
Biocide	N/A
White Spirits	790mg / m3
2-Butoxy Ethanol	(s) 25ppm
Ammonia	25ppm

Follow good working practice :

2-Butoxy Ethanol LD50 (oral - rat) 1480mg / kg

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LC50 ( inhal - rat ) 450ppm / 4 hours

### ENGINEERING CONTROLS

Wherever possible, the workplace must be ventilated sufficiently to ensure that the exposure limits are met. State regulations on speed and direction of airflow away from operators must be observed.

### PERSONAL PROTECTION

Respiratory:

No special respiratory protection is necessary

Skin:

No special skin protection is necessary.

Eyes:

Wear eye goggles with side shields to prevent splashing in the eyes.

### SAFE HANDLING INFORMATION

#### STORAGE AND TRANSPORT

Not classified as Dangerous Goods. This product should be transported and stored in its original container, keep container dry and sealed if not all used in the first application. Product should be stored in a cool, dry place. Do not store in containers for drink, it may be mistaken for milk.

Not defined as Dangerous Goods by The Australian Code for the Transport Of Dangerous Goods by Road and Rail.

#### SPILLS AND DISPOSAL

Stop leak at source if it can be done safely. Small amounts can be cleaned up with water before allowing to dry. Large spills should be contained, absorbed with sand, earth or other inert absorbent materials and placed in drums for disposal in accordance with State regulations as Non Hazardous Liquid Waste. Keep out of storm water drains and waterways as small amounts can cause high turbidity.

#### FURTHER INFORMATION

Since we cannot anticipate or control the many different conditions under which this information and our products may be used, each user should review these recommendations in the specific context of the intended application and confirm that they are appropriate.

N.S.W.	(02) 795-5000	Environment Protection Authority
V.I.C.	(03) 9628-5533	Environment Protection Authority
S.A.	(08) 204-2000	Environment Protection Authority
TAS	(002) 33-6518	Dept. of Environment and Land Management
W.A.	(09) 222-0422	Office of Waste Management

#### CONTACT POINT

Chief Chemist