



Not classified as hazardous according to criteria of
Worksafe Australia

ACS Flexi-Proof WPM

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

River Sands Pty Ltd
ACN 009 919 215
ABN 41 009 919 215
683 Beenleigh Redland Bay Rd
CARBROOK QLD 4129
Tel: +61 7 3287 6444
Fax: +61 7 3287 6445

Emergency Advice All Hours:
Australia Wide: 131 126

Product Name: ACS Flexi-Proof WPM
Use: as a single component, water based synthetic acrylic copolymer which dries to form a tough flexible approved wet area waterproofing membrane
UN Number: None allocated
Proper Shipping Name: None allocated
Dangerous Goods Class: None allocated
Packing Group: None allocated
Hazchem Code: None allocated
Poison Schedule: None allocated

2. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredients Name | CAS | Proportion |
|--|-----|------------|
| Formulation consists of ingredients determined as non-hazardous or component is below potentially hazardous amounts. | | |

3. HAZARD IDENTIFICATION

Non-hazardous substance, according to the criteria set by Worksafe Australia.

ACUTE HEALTH EFFECTS

Swallowed: May cause nausea, stomach cramps and constipation.
Eye: May cause irritation, burning and corneal scarring.
Skin: May cause irritation, burns and tissue damage.
Inhaled: Not expected to be inhalation hazard due to low vapour pressures of components at ambient temperatures.
Chronic Health Effects: Prolonged or repeated exposure may cause damage to kidneys, liver, lungs, skin and central nervous system.

4. FIRST AID MEASURES

Swallowed: If swallowed, contact Doctor. **DO NOT induce vomiting** and give glass of water.
Eye: If in eyes, flush with plenty of water for at least 15 minutes, ensuring eyelids are held open and see a Doctor if irritation continues.
Skin: If skin contact occurs, remove contaminated clothing and wash skin thoroughly with soap and water.
Inhaled: Move to fresh air. Monitor for respiratory distress. Seek medical attention if irritation occurs.
First Aid Facilities: Eye wash, shower and normal washroom facilities.
Advice to Doctor: Treat symptomatically. If skin sensitisation has developed and a causal relationship has been confirmed, further exposure should not be allowed.

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5. FIRE-FIGHTING MEASURES

Specific hazards: Non-combustible material

Special protective precautions and equipment: Not combustible, however following evaporation of aqueous component residual material can burn if ignited. On burning may emit toxic fumes. Fire fighters to wear self-contained breathing apparatus and suitable protective clothing if risk of exposure to vapour or products of combustion.

Suitable extinguishing media: Not combustible, however, if material is involved in a fire use water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

6. ACCIDENTAL RELEASE MEASURES

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

Large spills: Slippery when spilt. Avoid accidents, clean up immediately. Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up 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 sewers or waterways has occurred advise local emergency services.

7. HANDLING AND STORAGE

Handling Precautions

Avoid contact with the skin and eyes, and avoid breathing vapours or mists.

Ensure a high level of personal hygiene is maintained when using this product. Always wash hands before eating, drinking, smoking or using the toilet.

Precautions to Be Taken in Storage

Keep in cool, dry storage area. Keep containers closed when not in use.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: None established for this product.

Personal Protective Equipment:

Avoid contact with the skin and eyes, and avoid breathing vapours or mists. When exposure is likely, personal protective equipment in a combination appropriate to the degree and nature of exposure, should be selected from the following list:-

- (1) Eye protection
- (2) Neoprene, butyl rubber gloves
- (3) Leather boots

CONTAMINATION

If contamination occurs, change clothing taking care to avoid skin contact with the contaminated area, and discard internally contaminated gloves and footwear. Launder contaminated clothing before reuse.

Observe good personal hygiene. Eye wash fountains and safety showers should be available for emergency use.

Engineering Controls: Special ventilation is not normally required due to the low volatility of the product at normal temperatures. However, in the operation of certain equipment or at elevated temperatures, mists or vapour may be generated and exhaust ventilation should be provided to maintain airborne concentration levels as low as is reasonably practicable.

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9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|--|
| Appearance: | Coloured viscous liquid with a slight ammoniacal odour |
| Melting Point: | Not applicable |
| Boiling Point: | 100°C |
| Solubility in Water: | Miscible in water |
| Specific Gravity (H₂O=1): | 1.2 – 1.3 kg/l |
| Vapour Pressure: | Similar to water |

10. STABILITY AND REACTIVITY

| | |
|--|---|
| Stability: | This material is thermally stable when stored and used as directed. |
| Conditions to avoid: | Do not freeze or heat |
| Incompatible Materials: | Not to be loaded with dangerous when wet substances (class 4.3), oxidising agents (class 5), cyanides (class 6), strong acids (class 8), cationic detergents or foodstuffs. |
| Hazardous decomposition products: | Oxides of carbon, smoke and other toxic fumes. |
| Hazardous reactions: | No information available. |

11. TOXICOLOGICAL INFORMATION

Carcinogenic Effects:

Product used according to technical and manufacturing information has had no carcinogenic effects observed but individual hazardous components may cause irritation to skin, eyes, gastrointestinal and respiratory system and suspected of carcinogenicity, although there is limited information on toxicological properties or specific health hazards. It has been noted for its toxicity by way of ingestion, and thought to be mutagenic in effect.

Reproductive toxicity:

No effect on fertility or reproduction was found in published data available at time of revision.

12. ECOLOGICAL INFORMATION

| | |
|---------------------------------------|------------------------------------|
| Ecotoxicity: | Low, Avoid contaminating waterways |
| Persistence and degradability: | Not biodegradable |
| Mobility: | The dried film is not mobile |

13. DISPOSAL CONSIDERATIONS

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Suitable for disposal by approved waste disposal agent.

14. TRANSPORT INFORMATION

| | |
|-------------------------------|---|
| UN Number: | None allocated |
| Proper Shipping Name: | None allocated |
| Dangerous Goods Class: | None allocated |
| Packing Group: | None allocated |
| Hazchem Code: | None allocated |
| Transport Information: | Not to be loaded with dangerous when wet substances (class 4.3), oxidising agents (class 5), cyanides (class 6), strong acids (class 8), cationic detergents or foodstuffs. |



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15. REGULATORY INFORMATION

Poison Schedule: Not scheduled

OHS: Not regulated

Environmental: Not regulated

16. OTHER INFORMATION

PRINCIPAL REFERENCES:

Material Safety Data Sheet – River Sands Pty Ltd

Issue date: 13/11/07

Issued by: Tess Flores – Technical Manager

Supersedes: All previous Material Safety Data Sheets Issued

The customer is advised to consult the product Technical Data Sheets for further information including advice on suitable equipment.

Information used in the compilation of this MSDS obtained from investigations conducted at outside laboratories.

REASONS FOR UPDATE:

1. Product release

MSDS's are updated frequently. Please ensure that you have a current copy.

Contact Point

Emergency Advice All Hours:

Australia Wide: 131 126

River Sands Pty Ltd

Tel: +61 7 3287 6444

Fax: +61 7 3287 6445

Contact: Paul Moorfoot – General Manager

Disclaimer

This Material Safety Data Sheet should be used in conjunction with the Technical Data Sheet. It does not replace them. The information given is based on our knowledge of the health and safety data of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any purpose other than that for which it was intended. If clarification or further information is needed to enable appropriate risk assessment, the user should contact River Sands Pty Ltd. Our responsibility for products sold is subject to our standard terms and conditions sent to customers. No liability whatsoever can be accepted with regard to the handling, processing or use of the product concerned which, in all cases, shall be in accordance with the appropriate regulations and / or legislation.

END OF DOCUMENT