



Not classified as hazardous according to criteria of
Worksafe Australia

RSA Rapid Shield

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: RSA Rapid Shield
Use: Brush, roll or spray on water-borne acrylic coating

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.

Not Classified as dangerous according to the criteria set by Australian Dangerous Goods Class

Safety Phrases: **S1/2** Keep locked up and out of reach of children
S26 In case of contact with eyes, rinse immediately with plenty of water and contact a Doctor or poisons Information Centre
S36/37/39 Wear suitable protective clothing, gloves, and eye/ face protection

Primary Routes of Exposure:

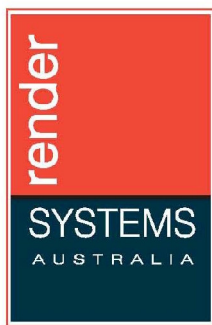
Inhalation: Inhalation of vapour can cause headache, nausea, irritation of nose, throat & lungs.
Skin Contact: Prolonged or repeated contact can cause skin irritation.
Eye Contact: Direct contact can cause eye irritation.

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.



Not classified as hazardous according to criteria of
Worksafe Australia

RSA Rapid Shield

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.

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. Wash down area with large quantities of water. If large 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.



Not classified as hazardous according to criteria of
Worksafe Australia

RSA Rapid Shield

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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Thick mobile fluid similar to paint
Odour:	Slight acrylic odour
Melting Point:	Not applicable
Boiling Point:	100°C
Solubility in Water:	Miscible with water
Specific Gravity (H₂O=1):	1.3 – 1.5kg/L
Vapour Pressure:	Similar to water
Viscosity:	≈15000 cps
pH:	8.5 – 9.5

10. STABILITY AND REACTIVITY

Stability:	This material is thermally stable when stored and used as directed.
Conditions to avoid:	Elevated temperatures
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

Eye Contact:	Moderate irritation
Skin Contact:	Mild irritation may occur. Frequent or prolonged contact may cause dermatitis
Inhalation:	At ambient temperatures, a low irritation hazard If heated or sprayed in a confined space product may cause irritation to the respiratory tract causing coughing, sneezing, nasal discharge, headache, hoarseness and nose and throat pain.
Ingestion:	No data is available.
Reproductive Effects:	None known. Does not contain chemicals implicated in adverse reproductive effects.
Other Information:	None established

12. ECOLOGICAL INFORMATION

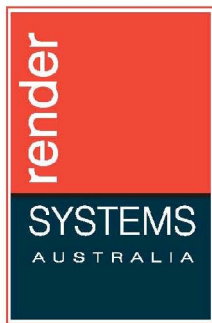
Information on Ecological Effects:	Avoid contaminating waterways.
Ecotoxicity:	Low.
Persistence and degradability:	Not biodegradable
Mobility:	The dried film is not mobile

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



Not classified as hazardous according to criteria of
Worksafe Australia

RSA Rapid Shield

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.

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: 06/05/13

Issued by: James Manikath – 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
2. Render Systems Australia

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