



Material Safety Data Sheet

CCS Super Polymer

Page 1 of 5

Issue Date: 10/06/09

Not hazardous According to Criteria of Worksafe Australia

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

CONCRETE COLOUR SYSTEMS

A Division of 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: CCS Super Polymer

Use: For mixing with CCS Resurfacing Compound to enhance bonding to concrete and masonry.

UN Number: None allocated

Proper Shipping Name: Paint

Dangerous Goods Class: None allocated

Subsidiary risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

Poison Schedule: None allocated

2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
ACRYLATE DISPERSION	30 to 60%	Mixture
WATER AND OTHER NON-HAZARDOUS INGREDIENTS	30 to 60%	Mixture
AMMONIA	< 5 %	N/A
GLYCOL	< 5 %	N/A

3. HAZARD IDENTIFICATION

Not Classified as hazardous according to the criteria of Worksafe Australia

Hazard Category: None allocated

ACUTE HEALTH EFFECTS

Swallowed:

May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach.

Eye:

May cause irritation to the eyes, with effects including tearing, pain and blurred vision. However, this is anticipated to be of a transient (short acting) nature and no long term injury is envisaged.

Skin:

May cause irritation to the skin, with effects including redness and itchiness.



Material Safety Data Sheet

CCS Super Polymer

Page 2 of 5

Issue Date: 10/06/09

Not hazardous According to Criteria of Worksafe Australia

3. HAZARD IDENTIFICATION (cont.)

Inhaled:

May cause irritation to the nose, throat and respiratory system with effects including dizziness and headache.

Chronic:

In some susceptible individuals dermatitis may occur.

4. FIRST AID MEASURES

Swallowed:

If swallowed, **DO NOT induce vomiting.** If victim is conscious, give glass of water to drink. If sickness persists, seek medical attention.

Eye:

If material splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eye lids are held open. If irritation persists, seek medical attention.

Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available. If irritation persists, seek medical attention.

Inhaled:

Move victim to fresh air. Apply resuscitation if victim is not breathing - If trained personnel available administer oxygen if breathing is difficult. Seek medical attention.

First Aid Facilities:

Eye wash fountain, safety shower and normal wash room facilities.

Advice to Doctor:

Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Fire/Explosion Hazard

If safe to do so, move undamaged containers from fire area.

Hazardous Decomposition Products: Decomposes on heating emitting oxides of carbon and nitrogen.

Fire Fighting Procedures: Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.

Flammability: This material is not a flammable or combustible liquid.

6. ACCIDENTAL RELEASE MEASURES

Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using sand or soil to prevent run off into drains and waterways. Use absorbent soil, sand, vermiculite or other inert material. Collect and seal in properly labeled containers* for disposal.

The acrylic resin will set to a hard to sticky clear coating, which will adhere securely to most surfaces. It may be scraped off after softening with water, and removed with a high pressure water jet.

*Suitable containers include: Polyethylene, PVC, polyethylene lined mild steel or stainless steel.



Material Safety Data Sheet

CCS Super Polymer

Page 3 of 5

Issue Date: 10/06/09

Not hazardous According to Criteria of Worksafe Australia

7. HANDLING AND STORAGE

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

Note: Acrylic emulsions are stable at ambient temperatures, avoid extreme temperatures. Should freezing occur, the product should be thawed slowly. Keep containers sealed when not in use to prevent skinning of emulsion.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Standards

50 ppm for an 8 hour working day.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION (cont.)

Engineering Controls

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.

Personal Protection Equipment

GLOVES: PVC or natural rubber.

EYES: Chemical goggles or face shield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. The use of an ammonia and organic vapour mask (disposable) or with replaceable filters is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Milky white liquid.
Boiling Point:	100°C (water)
Vapour Pressure:	N/A
Specific Gravity:	~1.01
Flash Point:	Not applicable.
Flammability Limits:	Not applicable.
Solubility in Water:	Soluble
Percent Volatiles:	25%
pH:	9

10. STABILITY AND REACTIVITY

STABILITY:

Stable under normal conditions of use.

HAZARDOUS DECOMPOSITION PRODUCTS:

Emits oxides of carbon when heated to decomposition.



Material Safety Data Sheet

CCS Super Polymer

Page 4 of 5

Issue Date: 10/06/09

Not hazardous According to Criteria of Worksafe Australia

HAZARDOUS POLYMERIZATION:

Will not occur.

INCOMPATIBILITIES:

N/A

CONDITIONS TO AVOID:

Heating.

11. TOXICOLOGICAL INFORMATION

There is no toxicological information available for this product, however, for the ingredient:

12. ECOLOGICAL INFORMATION

No environmental impact information is available for this product.

12. ECOLOGICAL INFORMATION (cont.)

No environmental information is available for this product, however for:

Ammonia Aqueous Solutions: (2)

Aquatic Toxicity:

96 hr LC50 (rainbow trout) : 0.53 mg/l

Toxic to aquatic organisms.

Avoid contaminating waterways, drains or sewers.

13. DISPOSAL CONSIDERATIONS

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

14. TRANSPORT INFORMATION

UN Number: None allocated

Proper Shipping Name: Paint

Dangerous Goods Class: None allocated

Subsidiary risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 6th Edition. Not classified as a Dangerous Good according to the UN, DOT(US), IACO(IATA) or IMO(IMDG).



Material Safety Data Sheet

CCS Super Polymer

Page 5 of 5

Issue Date: 10/06/09

Not hazardous According to Criteria of Worksafe Australia

15. REGULATORY INFORMATION

POISON SCHEDULE: None allocated.

RISK PHRASES: None allocated

SAFETY PHRASES: S24/25 Avoid contact with skin and eyes.

16. OTHER INFORMATION

PRINCIPAL REFERENCES:

1. Material Safety Data Sheet – Ammonia – Aqueous Solutions (10% - 35%), ORICA Australia Pty. Ltd., Issue: 17/01/2003

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.

Issue date: 10/06/09

Supersedes: All previous Material Safety Data Sheets Issue.

Reasons for update:

1. Three year Company revision of MSDS.

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

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 MSDS