



# Material Safety Data Sheet

## CCS Ultra Epoxy Hi Build Mid Grey Tint

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Issue Date: 14/10/09

Hazardous according to the criteria set by NOHSC

### 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:**

**Use:**

**UN Number:** 1263

**Proper Shipping Name:** Paint

**Dangerous Goods Class:** 3

**Packing Group:** III

**Hazchem Code:** 3[Y]E

**Poison Schedule:** S5

### 2. COMPOSITION / INFORMATION ON INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
AROMATIC HYDROCARBON SOLVENT	30-60%	64742-95-6
NAPHTHA	10-30%	64742-89-8
ACRYLIC RESIN	10-30%	Not allocated
INORGANIC FILLER	<10%	1317-65-3
ETHYL ALCOHOL	<10%	64-17-5
RHEOLOGY ADDITIVES	<10%	Not allocated
RESIN SOLUTION	<10%	Not allocated
ORGANIC PIGMENTS	<10%	Not allocated

### 3. HAZARD IDENTIFICATION

**Hazardous according to the criteria set by NOHSC.**

**Dangerous Goods according to the criteria of the ADG Code.**

**Hazard Category:** Xn – Harmful  
F – Flammable

#### Risk Phrases

**R10** Flammable

**R36** Irritating to eyes

**R38** Irritating to skin

**R66** Repeated exposure may cause skin dryness or cracking

**R67** Vapours may cause drowsiness or dizziness

#### Safety Phrases

**S2** Keep out of reach of children

**S9** Keep container in a well ventilated place

**S16** Keep away from sources of ignition – no smoking

**S23** Do not breathe vapour

**S24/25** Avoid contact with skin and eyes

**S29** Do not empty into drains



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**S36** Wear suitable protective clothing

**S37/38** Wear suitable gloves and eye/face protection

#### 4. FIRST AID MEASURES

**Swallowed:** If swallowed, **DO NOT induce vomiting**. Seek medical attention immediately for additional treatment. If vomiting occurs spontaneously, keep head below hips to prevent aspiration.

**Eye:** Immediately flush eyes with plenty of water for 15 minutes, holding eyelids open. Seek medical attention if redness, burning, blurred vision or swelling occurs.

**Skin:** Remove contaminated clothing or shoes, wipe excess from skin and flush with plenty of water. Use soap if available or follow by washing with soap and water. Do not reuse clothing until thoroughly cleaned. Seek medical attention if redness, blistering or swelling occurs.

**Inhaled:** Remove victim to fresh air and provide 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:** Combustible product, highly flammable.

**EXTINGUISHING MEDIA:** Water fog or foam. Dry chemical or carbon dioxide for small fires only.

**SPECIAL FIRE FIGHTING PROCEDURES:** Evacuate personnel to safe area. If product is on fire wear full protective clothing and self-contained breathing apparatus. Cool fire exposed containers with water. Do not allow fire extinguishing media to enter drains and waterways.

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Product is highly flammable. Carbon monoxide and carbon dioxide may be released if incomplete combustion occurs. Product will float on water and can be reignited on surface water. Vapour is heavier than air and can travel along ground and distant ignition is possible.

#### 6. ACCIDENTAL RELEASE MEASURES

##### **SPILLS and DISPOSALS:**

Extinguish or remove all sources of ignition and static sources, and stop leak if safe to do so. Prevent product from entering drains and waterways. Ventilate area and remove all personnel.

##### **SMALL SPILLS:**

Take up with a vacuum absorbent material and place in non-leaking labeled containers; seal tightly for disposal.

##### **LARGE SPILLS:**

Remove all sources of ignition. Evacuate the hazard area of unprotected personnel. Wear protective equipment as specified in the Personal Protection section of their MSDS. Dike and contain. Take up with a vacuum truck or pump to storage/salvage vessels. Soak up residue with an absorbent such as clay sand or other suitable absorbent material; place in non-leaking labeled containers for proper disposal. Place used absorbent in suitable sealed containers for disposal.



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### 7. HANDLING AND STORAGE

#### Handling Precautions

Avoid breathing vapours and contact with product. Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet facilities. Launder contaminated clothing before reuse. Ensure adequate ventilation. Suitable respiratory protective equipment should be used if occupational exposure limits are exceeded. Do not empty into drains.

#### Storage Precautions

Store in a cool, well ventilated place away from ignition sources, strong oxidants, foodstuffs and clothing. Keep containers closed tightly when not in use. Store in suitable, labeled containers and keep upright once opened.

### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

#### Exposure Limits

Chemical Name	TWA (mg/m <sup>3</sup> )	STEL (mg/m <sup>3</sup> )
Hydrocarbon solvent	None allocated	None allocated
Naphtha	None allocated	None allocated
Acrylic Resin	None allocated	None allocated
Inorganic Filler	10	None allocated
Ethyl Alcohol	1880	None allocated
Rheology additives	None allocated	None allocated
Resin solution	None allocated	None allocated
Organic Pigments	None allocated	None allocated

#### Engineering Controls

Adequate ventilation should be provided to maintain airborne concentration levels to a level as low as reasonably practicable. Keep in a well ventilated area when not in use. Take precautionary measures against static discharge.

#### Personal Protection Equipment

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

**CLOTHING:** overalls, safety shoes/boots.

**GLOVES:** Butyl, EVAL-Laminate

**EYES:** Safety glasses with side-shields, chemical goggles or face shield to protect eyes.

#### CONTAMINATION:

If contamination occurs, change clothing and discard internally contaminated gloves and footwear. Launder contaminated clothing before reuse. Observe good personal hygiene.

**RESPIRATORY PROTECTION:** Avoid breathing of vapours/gases. Select and use respirators in accordance with AS/NZS 1715/1716. When gases exceed the exposure standards then the use of a half-face respirator with organic vapour cartridge is recommended. For high concentration use an atmosphere-supplied, positive pressure demand self-contained or airline breathing apparatus, complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels and type of contaminant.



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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

<b>Appearance:</b>	Coloured liquid
<b>Melting Point:</b>	Not measured
<b>Boiling Point:</b>	Not measured
<b>Vapour Pressure:</b>	Not measured
<b>Vapour Density:</b>	Not measured
<b>Evaporation Rate:</b>	Not measured
<b>Solubility in Water:</b>	Not miscible with water
<b>Specific gravity:</b>	0.950 – 1.000

### 10. STABILITY AND REACTIVITY

**STABILITY:** Stable under normal conditions of use

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Carbon monoxide, carbon dioxide and unidentified organic compounds may be formed during thermal or oxidative decomposition or combustion.

**HAZARDOUS POLYMERISATION:** Will not occur

**INCOMPATIBILITIES:** Avoid contact with strong oxidising agents.

**CONDITIONS TO AVOID:** High temperatures, sparks, open flames, other ignition sources and incompatibles

### 11. TOXICOLOGICAL INFORMATION

**Toxicological Data:**

<b>Skin:</b>	Product may be irritating to skin. Prolonged contact may cause defatting of skin and can lead to dermatitis.
<b>Swallowed:</b>	Aspiration into lungs may cause chemical pneumonitis which can be fatal
<b>Inhalation:</b>	Vapours and mists may cause irritation to respiratory system. High concentrations may cause CNS depression resulting in headaches, dizziness and nausea. Continued inhalation may cause unconsciousness and/or death.
<b>Eye:</b>	Slight irritant.
<b>Acute/Chronic Toxicity:</b>	Does not contain 0.1% or more of any substance which is listed as a carcinogen by Worksafe Australia.

Information based on the properties of the resin. Product specific toxicological data has not been tested.

### 12. ECOLOGICAL INFORMATION

**Ecotoxicology:** product is likely to be harmful to aquatic organisms.

**Degradation:** All solvents are biodegradable and oxidize by reaction with air.



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Keep out of surface waters, sewers, and waterways entering or leading to surface waters. Notify authorities if any exposure to the general public or environment occurs or is likely to occur.

### 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

**Product Name:**

**Use:**

**UN Number:** 1263

**Proper Shipping Name:** Paint

**Dangerous Goods Class:** 3

**Packing Group:** III

**Hazchem Code:** 3[Y]E

**Poison Schedule:** S5

**Environmental Hazards:** Classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road/ADG, Rail/RID IMDG, IATA-DGR.

### 15. REGULATORY INFORMATION

Hazardous according to the criteria set by NOHSC

Poison Schedule: S5

### 16. OTHER INFORMATION

**Sources for data:** Suppliers MSDS  
National Code of Practice for the Preparation of Material Safety Data Sheets 2<sup>nd</sup> Ed [NOHSC: 2011(2003)]  
Approved Criteria for Classifying Hazardous Substances [NOHSC: 1008(1999)]

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

#### 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



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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**