

## MATERIAL SAFETY DATA SHEET

Hazardous according to criteria of NOHSC Australia

### 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/ UNDERTAKING

Product Name	Durocryl
Recommended Use	Concrete Surface Sealer
Synonyms	
CAS-No.	None allocated
Molecular Formula	
Supplier	Allduro Pty Ltd
ABN	65 606 270 099
StreetAddress	14 Vulcan Road Canning Vale WA 6155 WESTERN AUSTRALIA
Emergency Telephone Numbers	+61 (8) 94551658

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS No.	Proportion
Acrylic polymer	N/A	<30%
Xylene, mixed isomers	1330-20-7	to 100%

### 3. HAZARDS IDENTIFICATION

UN No. 1886  
DG class 3  
Subsidiary Risk None  
Packing Group III  
Hazchem 3Y  
Poison Schedule 6

GHS classification of the substance/mixture

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7<sup>th</sup> Edition)

### 4. FIRST AID

Inhalation	Remove to fresh air. Lay patient down. Keep warm and rested. If symptoms develop/persist seek medical assistance.
Skin Contact	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If irritation develops seek medical assistance.
Eye Contact	Immediately irrigate with copious amount of water until all contaminants are washed off completely. Eyelids to be held open. Remove contact lenses. If symptoms develop seek medical assistance.
Ingestion	Immediately wash out mouth and lips with water. DO NOT INDUCE VOMITING. If symptoms develop seek medical assistance.
First Aid Facilities	Ensure availability to clean water for eye/skin wash.
Notes to Physician	Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

Special Hazards	Flammable
Suitable Extinguishing Media	Dry chemical or foam
Hazards from Combustion Products	Under fire conditions the product may emit toxic fumes including metal oxides, oxides of nitrogen, carbon monoxide and carbon dioxide.
Special Protective Precautions and Equipment for Fire Fighters	Fire Fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes and products of combustion. Water spray may be used to cool down heat exposed containers.
Hazchem Code	None allocated

## 6. ACCIDENTAL RELEASE MEASURES

Methods for clean-up/collecting	Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.
Environmental Precautions	Do not discharge into sewers or waterways.

## 7. HANDLING AND STORAGE

Handling	Avoid all sources of ignition. Avoid inhalation of vapours and mists, and skin or eye contact. Use only in well ventilated area. Keep containers sealed when not in use. Prevent the build up of mists or vapours in the work atmosphere. Maintain high standards of personal hygiene i.e. Washing hands prior to eating, drinking, smoking or using toilet facilities.
Storage	Store in a covered, cool and dry well ventilated area. Keep containers closed when not in use – check regularly for leaks. Store away from incompatible materials described in Section 10.

**8. OVEREXPOSURE CONTROLS / PERSONAL PROTECTION**

Personal Protection	The following personal protection equipment should be worn. Safety glasses, goggles or face shield as appropriate. Rubber gloves. Appropriate protective clothing. Suitable respirator. Avoid all contact. Wash contaminated clothing and protective equipment before storing/re-using. Always wash hands before, eating, drinking, smoking or using toilet facilities. Ensure an eye bath and water for washing of skin and rinsing of mouth is available.
Engineering Controls	No specific engineering controls required. Use in a well ventilated area.
National Occupational Exposure Limits	No value assigned for this specific material by the NOHSC Australia.
Other	Observe the usual precautions when handling chemicals.

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Form/Colour/Odour	A clear liquid with hydrocarbon odour
Specific Gravity @20°C	0.98kg/litre
Solubility in Water	Not miscible
pH	N/A
Boiling Point (°C)	110 - 175
Vapour Pressure	Not applicable
Melting Point (°C)	Not applicable
Flammability limits (LEL - UEL)	1.2 - 8.6
Flash Point (°C)	23
Ignition Temperature (°C)	>400

**10. STABILITY**

Chemical Stability	Stable under normal conditions of storage and handling.
Conditions to Avoid	Sources of heat and ignition, open flames
Incompatible Materials	Strong oxidising agents
Hazardous Polymerisation	Will not occur

**11. TOXICOLOGICAL INFORMATION**

Acute Effects Inhalation	Harmful by inhalation. Vapours will cause dizziness and drowsiness. There is the possibility of organ damage over prolonged use or exposure. Central Nervous System depression includes nausea, headaches, dizziness, and possibly loss of consciousness.
Skin Contact	Harmful in contact with skin. Symptoms include burning sensation, redness, swelling and possible blistering.
Eye Contact	Eye contact with this product will cause redness and swelling with a burning sensation and blurred vision.
Ingestion	If swallowed, may cause lung damage on vomiting. Will cause central nervous system depression. May cause discomfort on swallowing. Vapours will cause drowsiness and dizziness and ingestion may result in headaches and nausea. Vomiting may cause the product to be aspirated to the lungs, possibly resulting in chemical pneumonitis.

Acute and Chronic Toxicity	This product may contain 0.1 to 1% of ethylbenzene. IARC has evaluated ethylbenzene and classified it as a "possible human carcinogen" (Group 2B) based on sufficient evidence for cancer in exposed humans. This product may contain 0.1 to 1% naphthalene. The IARC evaluated naphthalene and concluded that there was sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans. Accordingly, IARC classified naphthalene as a possible human carcinogen (Group 2B).
Long Term Effects	Persons with pre-existing liver, kidney, central nervous system or skin complaints should avoid unnecessary exposure to this product. Every effort to protect eyes, respiratory tract and skin exposure should be taken in these circumstances.

### 12. ECOLOGICAL INFORMATION

Aquatic Toxicity: No data available

Avoid contaminating soil and waterways. Floats on water. If product enters soil, it will be highly mobile and may contaminate ground water.

### 13. DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority.

Precautions for clean up crew are described as the Personal Protection in Section 8.

Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain fumes and vapours that are flammable and harmful. Ensure that empty packaging is allowed to dry.

### Special Precautions for Landfill or Incineration

This product is NOT suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product must be disposed as chemical waste in accordance with the local authority.

**14. TRANSPORT INFORMATION**

Classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for Transport by Road and Rail.

UNNo.	1866
Class-Primary	Liquid
Packing Group	III
Dangerous Goods Class	3
Hazchem Code	3Y
Proper Shipping Name	Resin Solution Flammable
Segregation Dangerous Goods	This product is classed as Dangerous Goods Class 3, packing group III

Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for Transport by Sea.

UNNo.	1866
Class-Primary	Liquid
Packing Group	III
Dangerous Goods Class	3
Hazchem Code	3Y
Proper Shipping Name	Resin Solution Flammable
Segregation Dangerous Goods	This product is classed as Dangerous Goods Class 3, packing group III

Classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by Air.

UNNo.	1866
Class-Primary	Liquid
Packing Group	III
Dangerous Goods Class	3
Hazchem Code	3Y
Proper Shipping Name	Resin Solution Flammable
Segregation Dangerous Goods	This product is classed as Dangerous Goods Class 3, packing group III

## 15. REGULATORY INFORMATION

Classified as Hazardous according to the Globally Harmonised System of Classification and labelling of Chemicals (GHS) including Work, Health and Safety Regulations, Australia.

Classified as a Scheduled 6 Poison according to the Standards for the Uniform Scheduling of Medicines and Poisons (SUSMP)

## 16. OTHER INFORMATION

This Material Safety Data Sheet has been prepared by CRG Pty Ltd from information obtained from MSDS provided by the Suppliers of the various chemicals used in this product.

For further information about this product contact: DAVID RIDDELL 0402 960 340

Reason(s) for issue: To meet requirements of NOHSC:2011 (2003)

Material Safety Data Sheets are updated frequently. Please ensure you have a current copy.

This MSDS summarises at the date of issue our best knowledge of the Health and Safety Hazard Information of the product, and in particular how to safely handle and use the product in the workplace. Since CRG Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this Company.

Our responsibility for product as sold is subject to our standard terms and conditions. A copy is available upon request.