Material Safety Data Sheet

1. IDENTIFICATION OF MIXTURE AND SUPPLIER

Product name: Adcryl and Adcryl 50

Intended use: Cement additive

Supplier: CRG Pty Ltd
11 Glenorchy Cres
Hamersley WA 6022
AUSTRALIA

Telephone: +61 402 960 346

UN number:	Not applicable
Hazchem code:	Not applicable
Class:	Not applicable
Packing group:	Not applicable
Poison Schedule:	S5
Correct shipping name:	Not applicable

2. HAZARDS IDENTIFICATION

Hazard classification
This material is not hazardous under the criteria of **Worksafe Australia**

Other hazards
No data available

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Ingredient	CAS number	Proportion
Acrylic polymer(s)	Not hazardous	40 - 50%
Residual monomers	Not available	<0.05%
Ammonia	1336-21-6	<=0.2%
Water	7732-18-5	Remainder

4. FIRST AID MEASURES

Notes to physician: Treat symptomatically. Effects may be delayed. Following exposure the patient should be kept under medical supervision for at least 48 hours.

Ingestion: Rinse mouth with water. Give water to drink. DO NOT induce vomiting. Seek immediate medical assistance.

Inhalation: Remove victim from exposure. Keep warm. Keep at rest until fully recovered. If breathing becomes laboured and patient is cyanotic (blue), ensure airways are clear and have qualified person give oxygen. If breathing has stopped apply artificial respiration at once. In the event of cardiac arrest, apply external cardiac massage. Seek immediate medical attention.

Skin contact: Wash contaminated skin with plenty of soap and water. Remove contaminated clothing and wash before re-use. If swelling, redness, blistering or irritation occurs seek medical advice.

Eye contact: Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Urgently seek medical assistance.

5. FIRE FIGHTING MEASURES

Specific hazards: May splatter if heated above 100 ^{0}C (water). Thermal decomposition can lead to release of oxides of carbon and nitrogen.

Suitable extinguishing media: product is non-flammable and non-combustible

Required special equipment for fire fighters: N/A

6. ACCIDENTAL RELEASE MEASURES

For major or minor spillage:
1. Wear skin and eye protection.
2. Spills may be swept or vacuumed, avoid dust generation.
3. Remove and dispose of residues according to local authority regulations.

7. HANDLING AND STORAGE

Storage: Store indoors in a dry, well-ventilated area. STILL WELL BEFORE USE

Storage temperature: Keep from freezing store at 1 - 49^{o}C

Materials to avoid: acids, foodstuffs.

Unsuitable containers: Mild steel.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

National occupational exposure limits:
No values assigned for this specific material by the National Occupational Health and Safety Commission (Work safe Australia).

However for the constituent;

Material	TWA	STEL	Notices
	ppm	ppm	
Ammonia	25	35	

TWA – the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.

STEL (Short Term exposure limit) – the average airborne concentration over a 15 minute period which not be exceeded at any time during a normal eight hour workday. According to current knowledge these concentrations should neither impair the health of, nor cause undue discomfort to, nearly all workers.

Personal protection: Avoid inhalation of fumes, use with local exhaust ventilation. Avoid contact with skin. Wear eye protection.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odour:	White liquid
Solids content:	40- 50% by weight
Bulk density:	1.05
PH in water:	9.5 - 10.5
Solubility in water:	miscible
Melting point (^{o}C):	10^{o}C
Boiling point	100^{o}C

10. STABILITY AND REACTIVITY

Materials to avoid: acids, foodstuffs.

Possibility of hazardous reactions: None known
Hazardous decomposition products: Thermal decomposition may yield acrylic monomers

11. TOXICOLIGICAL INFORMATION

Eye contact: May cause irritation.

Skin contact: Contact may result in moderate irritation. May cause sensitisation in some individuals. Repeated or prolonged contact may result in allergic contact dermatitis.

Inhalation: An irritant to mucous membranes and respiratory tract.

Ingestion: May cause nausea, vomiting and irritation to the gastrointestinal tract.

Acute toxicity / Chronic toxicity: No LD50 data available for this product.

12. ECOLOGICAL INFORMATION

Miscible with water. No specific data is available.

13. DISPOSAL CONSIDERATIONS

Coagulate the emulsion by the stepwise addition of ferric chloride and lime. Remove the clear supernatant and flush to a chemical sewer. For disposal, incinerate or landfill at a permitted facility in accordance with local, state, and federal regulations.

14. TRANSPORT INFORMATION

DOT	Not regulated for transport
SEA (IMO-IMDG)	Not regulated for transport
AIR (IATA/ICAO)	Not regulated for transport

15. REGULATORY INFORMATION

Hazard classification
This material is not hazardous under the criteria of **Worksafe Australia**

15. OTHER INFORMATION

Hazard Rating System

Health	Flammability	Physical Hazard
1	0	0

This MSDS summarises at the date of issue our best knowledge of health and safety hazard information for this product, and in particular how to safely handle and use the product in the workplace. 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.

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