



Davco Construction Materials Pty Limited

ABN 28 093 876 558

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MATERIAL SAFETY DATA SHEET

1. Identification of Material and Supplier

Product Name	Grout Cure		
Other Names	Liquid 122		
Recommended Use	An additive to impart chemical resistance to cement-based grouts		
Supplier Name	Davco Construction Materials Pty Ltd		
Address	67 Elizabeth St, Wetherill Park, NSW, Australia 2164		
Web Address	www.davco.com.au		
Telephone	61 2 9616 3000	Facsimile	61 2 9725 5551
Technical Support	1800 653 347	Emergency: Spill, First Aid etc	1800 807 001

2. Hazards Identification

Hazard Classification	This product is non-hazardous according to the criteria of the ASCC. Not a Dangerous Goods substances according to the ADG Code. Not a Flammable or Combustible Liquid according to AS 1940. Not a Scheduled Poison according to the SUSDP. All ingredients are listed on the AICS.
Risk Phrases	None allocated (see also page 2)
Safety Phrases	None allocated (see also page 3)

3. Composition/Information on Ingredients

Chemical Identity	Proportion	CAS No
Non-hazardous emulsion polymer (LC)	30 - 60 %	n.a.
Acticide	< 0.2 %	n.a.
Other ingredients determined to be non-hazardous, including water	to 100 %	n.a.

4. First Aid Measures

4.1 Symptoms of Exposure by Route

SWALLOWED

Minor amounts ingested incidental to normal handling will have little or no effect. Larger amounts deliberately ingested will cause nausea, vomiting and diarrhoea.

EYE

Will cause minor eye irritation.

SKIN

May cause minor irritation. Prolonged or repeated skin exposure may lead to irritation caused by drying and cracking of the skin.

INHALED

While in liquid form no effects are anticipated. When used by spray application vapours and aerosols may cause slight to moderate irritation of the upper respiratory tract.

4.2 First Aid Instructions

SWALLOWED

Do not induce vomiting. Rinse mouth clear with water and give two 250 ml glasses of water to drink. If patient involuntarily vomits encourage to lean forward to avoid aspirating. If symptoms persist seek prompt medical help.

EYE

Immediately: Hold eye open and flush with clean water for at least 15 minutes. While flushing, gently pull upper and lower eyelids away from eyes and ensure carefully flushed. If symptoms persist seek prompt medical attention.

SKIN

Remove contaminated clothing. Wash affected area with soap and water for at least 10 minutes. If symptoms persist seek medical assistance.

INHALED

Remove patient (while wearing SCBA if concentrations are high) to fresh air. Allow to rest. Rinse mouth and nose with water. Provide artificial respiration if breathing stops. Seek prompt medical attention unless recovery is virtually immediate.

FIRST AID FACILITIES

Provide normal industrial first aid facilities including eye-wash stations and safety showers as appropriate.

Notes to Physician (for symptoms of over-exposure to this product see above)

Possible symptoms of Chronic Health Effects

Prolonged or repeated skin exposure may cause drying and cracking of the skin due to a defatting action.

Possible aggravated pre-existing conditions

None reported.

Suggested treatment for acute symptoms, known antidotes

Provide supportive care and treatment based on the patient's reaction to the exposure. For further information contact the :

POISONS INFORMATION CENTRE 13 11 26 in all States (New Zealand Dial 0800 764 766)

5. Fire Fighting Measures

5.1 Flammability and Explosion Hazards

Containers may rupture in fire conditions due to steam pressure. Product is non-flammable as sold but residues may burn when water content has boiled off.

5.2 Hazardous Combustion Products

CO_x and NO_x

5.3 Suitable Extinguishing Media

Use water as fine spray or fog, foam or dry chemical may also be utilised.

Hazchem Code: n.all.

5.4 Precautions for Fire Fighters and Special Equipment

Wear SCBA and full turn out clothing. Avoid bodily contact with substance or run-off.

6. Accidental Release Measures

6.1 Emergency Procedures – Spills and Leaks (See Section 13 for disposal considerations)

Prevent material entering drains or waterways. Send unnecessary personnel out of area. Wear full protective clothing including rubber boots and respirator. Spread sand, soil or other inert absorbent over the pool. When saturated collect into metal or plastic drums or pails. Fit lids, label and place containers in a safe area to await disposal.

7. Handling and Storage

7.1 Handling Advice

Wear suitable protective clothing. Keep away from strong acids and oxidising substances. Product forms a film when drying.

7.2 Storage Advice

Store in a cool, dry and well-ventilated area. Keep containers closed when not in use.

8. Exposure Controls/ Personal Protection

8.1 Exposure Standards

No exposure standards have been set by ASCC for this product or its ingredients in the proportions present in the product. A small amount of residual monomer, possibly up to 0.5 %, may be present.

<i>Substance</i>	<i>TWA</i>	<i>STEL</i>
Vinyl Acetate	10 ppm	20 ppm

8.2 Engineering Control Methods

If used outdoors natural ventilation is normally adequate. If used in enclosed spaces with poor ventilation provide mechanical ventilation to comfort levels.

8.3 Personal Protective Equipment Respiratory Protection

Not usually required. If vapour concentration is uncomfortably high during spray operations use respirator fitted with an organic vapour filter to AS 1715 & 1716. Use SCBA in confined spaces.

Eye Protection

Not normally required. If mists or splashes are likely wear safety goggles or full face shield to AS 1337.

Gloves

When mixing and applying wear rubber, PVA or neoprene gloves to AS 2161.

Clothing

Wear cotton or Tyvec coveralls fastened at the neck and wrist. Supplement with a rubber or PVA apron if required.

9. Physical and Chemical Properties

Appearance:	Milky, white liquid	Odour:	characteristic
Freezing/ Melting Point:	n.d.	Boiling Point:	Initial 100 °C
Density:	1.02	Vapour Pressure:	n.d.
Solubility in water :	insoluble (miscible)	Volatiles:	n.d.
Flash Point:	n.a.	Flammability Limits:	n.a.
Auto Ignition Point:	n.a.	AS 1940 Classification:	n.a.
Other Properties	An aqueous solution containing less than 0.2% acticide. Keep away from strong acids and oxidisers. The polymeric substance will form films on drying.		

10. Stability and Reactivity

During all normal use and handling the product is stable.

11. Toxicological Information

LD₅₀ >3000 mg/m³

12. Ecological Considerations

May have an adverse effect of aquatic organisms if large amount released to water. Slowly biodegrades.

13. Disposal Considerations

May be disposed of through the normal industrial waste stream.

14. Transport Information

Requirements under the ADG Code, the IMDG Code and the IATA DG Regulations do not apply to this product.

15. Regulatory Information

Labelling in accordance with the "National Code of Practice for the Labelling of Workplace Substance" [ASCC: 2012 (1994)], the SUSDP or the ADG Code is not required for this product.

16. Other Information

Date of Issue: 5/10/2006 New MSDS (Version 1.1) to comply with National Code of Practice for the Preparation of Material Safety Data Sheets 2nd Edition NOHSC: 2011 (2003).

Data Sources used: in the preparation of this MSDS include: "Chempendium" and "MSDS plus Cheminfo" published in CD format by CCOHS Canada 2005 - 4."TOMES" a CD database published by Micromedex, USA, "Hazardous Properties of Industrial Materials" Van Nostrand Rheinhold NY, USA . "List of Designated Hazardous Substances" NOHSC 10005:1999, "National Exposure Standards" NOHSC 1003:1995 . **Abbreviations used:** n.d = not determined, n.a = not applicable, n.all =not allocated, SUSDP=Standard for the Uniform Scheduling of Drugs and Poisons, ADG=Australian Dangerous Goods Code, IATA=International Air Transport Association, (Dangerous Goods Regulations), IMDG=International Maritime Dangerous Goods (Code), ASCC=Australian Safety and Compensation Council. IARC=International Agency(for) Cancer Research.

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