

AEROCAN PRODUCTS AUSTRALIA

MATERIAL SAFETY DATA SHEET

1. Identification Of The Substance(s) And Composition

Product Name **COLD GAL**

Code **CG**

Recommended Use A single pack, zinc rich epoxy primer, applied by brush or roller on ferrous surfaces.



Supplier Name **Wholesale Chemical Company** ABN 63 127 274 597

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Ingredients	Name	CAS Number	Proportion w/w
	Xylene	1330-20-7	10-<30%
	Ethyl Benzene	100-41-4	1.0-<10%
	Encapsulated Zinc Dust	74406-66-6	30-60%
	Encapsulated Zinc Oxide	1314-13-2	10-<30%
	Epoxy Ester resin (non-Hazardous)	Proprietary	1.0-<10%
	Additives (non-Hazardous)	Mixture	1.0-0%

2. Hazards Identification

The product is classified both as **Dangerous Goods and Hazardous Substance in accordance to ASCC**

Risk Phrases R

10	Flammable Liquid
20/21/22	Harmful in contact with the skin and if swallowed.
36/38	Irritating to the eyes and skin.
40	Limited evidence of a carcinogenic effect.
51/53	Toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment.
61/63	May cause harm to unborn child. Causes foetotoxicity in animals at doses which are maternally toxic.
65/66/67	Harmful. May cause lung damage if swallowed. Repeated or prolonged exposure may cause skin dryness and cracking. Vapours may cause headaches, drowsiness and dizziness.

Safety Phrases S

2	Keep out of reach of children.
7/9	Keep containers tightly closed when not in use and also in a well ventilated area.
15	Keep away from heat.
16/33	Keep away from sources of ignition. Take precautionary measures against static electricity.
20/21	When using, do not eat, drink or smoke.
23.2	Do not breathe vapours.
24/25	Avoid skin contact and with the eyes.
26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
27	Take off immediately all contaminated clothing.

- 28.1
36/37/38/39 In contact with the skin, wash immediately soap and plenty of water.
The wearing of an Organic Vapour Respirator, Safety Glasses fitted with side-shields, Viton or PVC gloves, enclosed footwear, high temperature and anti-static clothing and hearing protection.
- 45 In case of accident, or if you feel unwell, seek medical advice immediately. Show the label where possible.
- 62 If swallowed, do not induce vomiting: seek medical immediately. Show the label where possible.

The product is classified as **Dangerous Goods and Hazardous Substance** in accordance to ASCC.

ADG Classification PAINT, immiscible in water, UN 1263, Class 3, HAZCHEM 3(Y) packing Group III
SUSDP Classified as a Schedule S 5 Poison.

3. Fire Fighting Measures

Inhalation If the applicator feels drowsy, dizzy, tired or experiencing headaches, remove the victim to the fresh air. Keep the victim warm and quiet until all symptoms subside.

Ingestion If swallowed, and only if the person is conscious, give clean water to drink. If any symptoms occur **DO NOT** induce vomiting. Seek URGENT medical attention if frothing from the mouth occurs.

Eyes If splashed into eyes, hold eyes open, irrigate copiously with clean water for at least 15 minutes. Seek immediate medical attention if any irritation occurs.

Skin If skin contact occurs, remove contaminated clothing, and wash thoroughly with soap and plenty of water. Seek medical attention if any irritation occurs.

First Aid Facilities Clean water supply, soap or skin cleaner, barrier cream, Emergency showers and eye wash stations.

Advice to doctor If poisoning occurs, consult with the Poisons Information Centre (Telephone 131126) Have a copy of this material safety data sheet or label available. Treat symptomatically as systems may be delayed for several hours after exposure.

4. Accidental Release Measures

Spills and Leaks Contain all spills and leaks. Avoid contamination with spilt material on surfaces. Remove all sources of ignition and **NO SMOKING**. Wear the recommended full body impervious clothing, gloves and breathing apparatus as per AS-NZ 1715/16. Keep upwind. Absorb all spilt contents onto sand or earth.

Disposal Collect all residues into labelled and sealed containers for disposal via special waste collection services as per local Statutory Authority requirements.

Other Precautions Avoid contaminating waterways, drains, water courses and sewage.

5. Handling And Storage

Handling Keep out of reach of children. Avoid unnecessary contact with the material. After use before eating, drinking or smoking, wash all exposed skin with soap and water.

Storage Containers must be clearly labelled, rigid and strong. Store upright in a cool, dry, well ventilated area from heat, ignition sources and direct sunlight e.g. Flammable Goods Store as per AS 1940 requirements.

6. Exposure Controls

Exposure Standards MAK Ethyl Benzene = 440 mg/m³ Xylene = 350 mg/m³

Exposure Standards STEL Xylene = 655 mg/m³

Engineering Controls The use of local exhaust ventilation equipment is required.

Controls All Ventilation equipment must be fitted with flame and explosion proof electrical fittings.

7. Personal Protection

Inhalation AS-NZS 1715/16	The wearing of an Organic Vapour Respirator must be worn during the application period.
Eye AS-NZS 1337	The wearing of safety glasses fitted with side shields must be worn at all times during the application period. Do not wear contact lenses.
Gloves AS/NZS 2161	The wearing of Viton or PVC elbow length gloves must be worn at all times during the application period.
Footwear AS-NZS 2210	The wearing of enclosed must be worn during The wearing of enclosed footwear must be worn during the application period.
Clothing AS-NZS 2919	The wearing of anti-static clothing made on natural or synthetic high temperature fibre must be worn during the application period.
Hearing AS-NSS 1270	Not required.
Other Requirements	Avoid contact with eyes and skin. Avoid inhaling vapours and spray mists at all times.

8. Physical – Chemical Properties

Appearance	A coloured liquid with mild odour
pH	Not required
Vapour Pressure (Butyl Acetate =1)	<i>Less than 1.0</i>
Boiling Point 0C	145-175 °C (literature value)
Density	2.3 (calculated value)
Solubility in water	Immiscible
Flash Point °C	27°C (literature value)
Flammability	Lower Explosive Limit = 1.0% Upper Explosive Limit =
Limits	7.5%
Auto Ignition °C	250°C
Volatile Components	Liquid Aromatic Hydrocarbons

9. Stability And Reactivity

Chemical Stability	Stability under normal conditions of use.
Conditions to avoid	Avoid contact with heat and all ignition sources.
Hazardous	On heating, containers may rupture and explode:

Decomposition	contents may burn rapidly forming toxic
Products	gases including carbon monoxide and zinc fumes.
Incompatible	Incompatible with strong oxidizing agents.
Materials	Keep away from moisture and acids.
Hazardous Reactions	Will not polymerize.

10. Toxicological Information

Health Effects	Risk Phrase	Xylene	Ethyl Benzene
Inhalation LC ₅₀ Rat	20	>20mgm/L	>20mgm/L
Dermal	21	>4500	>2000
Oral LD ₅₀ rat	22	>4300 Mgm/kgm	>2000 mgm/kgm

Note

Risk phrases R20/21/22 has been assigned by the EEC Council Directive 67/548/EEC.

Risk Phrases R20/21/22 – Harmful by inhalation, skin contact or if swallowed.

Acute Oral Toxicity Rat Low toxicity. Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.

Acute Dermal Toxicity rabbit Low toxicity

Acute inhalation Low toxicity. High concentrations may cause central nervous system depression resulting in headaches, dizziness, nausea, loss of co-ordination and impaired judgement: continued inhalation may result in unconsciousness and/or death.

Health Effects

Inhalation Other symptoms may cause dizziness, nausea, coughing, lack of co-ordination and impair judgement.

Ingestion Large quantities may cause nausea and vomiting.

Eyes Irritating to the eyes, including burning sensation, redness, swelling and/or blurred vision.

Skin Will have degreasing effect on the skin may result in contact dermatitis.

Carcinogenicity Limited evidence of a carcinogenic effect.

Mutagenicity Not mutagenic in animal studies.

Reproductive Toxicity May cause harm to unborn child. Causes foetotoxicity in animals at doses which are maternally toxic. Does not impair fertility.

11. Ecological Information

Environment Toxic to aquatic organisms (R51)
May cause long-term adverse effects in the aquatic environment (R53).

12. Ecological Consideration

Potential to bioaccumulate or biomagnify is low. Solvents in this product are biodegradable with half lives of 2 to 7 days in aerobic systems. Is slower in anaerobic systems. Not persistent.

13. Disposal Considerations

Collect all residues and placed into labelled and sealed containers. Do not Incinerate empty containers after use. Dampen all unwanted cloths and rags

in water prior to disposal. Do not recycle contents or spent containers. Crush all small empty containers. Larger containers and drums may be sent to an approved drum recycler. Ensure all contents do not pollute waterways, drains and other water courses.

14. Transport Information

UN Number	1263		
Paper Shipping Name	PAINT, immiscible in water.		
Class	3	Subsidiary Risk	Not Required.
Packing Group	III	Initial Emergency	15
Emergency Procedures	3305	Response Guide	
Hazchem	3Y		
IMDG	Not Known		

15. Regulatory Information

SUSDP Classified as a Schedule S 5 poison.

16. Other Information

Date Prepared/Amended: 22/01/2010 New Version 1.0 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: Chempendiurrf and C>te/77/7/& published in CD format by CCOHS Canada 2003 – 4 TOMES a CD database published by Micromedex, USA, “Hazardous Properties of Industrial materials” Van Nostrand Rheinhold NY, USA. “List of Designated Hazardous S”/6s/a/7ces” HOHSC 10005:1999, National Exposure Standards. NOHSC 1003:1995. Abbreviations used: n.d = not determined, n.a = not applicable, n.all = not allocated, n.est = not established, 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).

Disclaimer

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