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**IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION**

Product Name	COLD GAL	Code	CG
Product Use	Use as a primer for ferrous metal surfaces.		
Ingredients	Name	CAS Number	Proportion w/w
	Zinc Dust	7440 – 66 – 6	60 – 100 %
	Xylene	1330 – 20 – 7	10 – 30 %
	Synthetic Resins (Non-Hazardous)	Not Known	10 – 30 %
	Additives (Non-Hazardous)	Not Known	1 – 10 %

HAZARD IDENTIFICATION

Chronic Risk 65,66,67 Harmful. May cause lung damage if swallowed. Repeated exposure may cause skin dryness and cracking. Vapours may cause headaches, drowsiness and dizziness.

Acute

Skin Risk 21,38 Harmful X_n, Irritant X_i
 Inhalation Risk 20,37 Harmful X_n Irritant X_i
 Ingestion Risk 22 Harmful X_n
 Eyes Risk 36 Irritant X_i

ADG PAINT– immiscible in water, UN 1263, Class 3, Packing Group III,

Classification HAZCHEM 3[Y].

SUSDP Classified as a Schedule S 5 poison.

Classification

FIRST AID 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 water to drink. **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 **13 11 26**}. Have a copy of this material safety data sheet or label available. Treat symptomatically.



FIRE FIGHTING MEASURES

**Extinguishing Media and Requirements
Fire Fighting Procedures & Precautions**

Carbon Dioxide {CO₂}, alcohol resistant foam, dry chemical or water spray. **DO NOT** use water jets. Bund area with sand to prevent run – off entering waterways and drains. Fire – fighters should wear Chemical Splash Suit with attached Self – Contained Breathing Apparatus and gloves. Evacuate all non fire–fighting personnel away from the area. Turn off all electricity and power supplies. Keep containers cool with water spray or water to prevent rupture or burning. Move away all containers and equipment from the direction of the fire, if safe to do so. Keep upwind.



Flammability Hazardous Decomposition Products

Flammable Liquid. Flash Point = 27 °C
On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide and zinc fumes.

ACCIDENTAL RELEASE MEASUREMENTS

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.

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.

EXPOSURE CONTROLS

Exposure Standards MAK Engineering Controls

Xylene = 440 mg/m³.

Zinc = Not Known

When applying the product, ensure there is adequate ventilation during the application period.

PERSONAL PROTECTION**Inhalation****AS –NZS 1715/16****Eye****AS –NZS 1337****Gloves****AS –NZS 2161****Footwear****AS –NZS 2210****Clothing****AS –NZS 2919****Hearing****AS –NZS 1270****Other Requirements**

The wearing of Organic Vapour – Particulate Respirator recommended during the application period.
The wearing of safety glasses fitted with side shields recommended during the application period. Do not wear contact lenses.

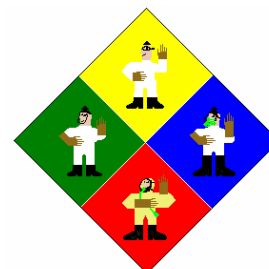
The wearing of Viton or PVC gloves recommended during the application period.

The wearing of enclosed footwear recommended during the application period

The wearing of anti-static clothing made on natural or synthetic high temperature fibre recommended during the application period

The wearing of hearing protection when applying by conventional spray is recommended during the spraying application period

Avoid contact with eyes and skin. Wear the recommended Personal Protective Equipment as described.

**PHYSICAL – CHEMICAL PROPERTIES****Appearance**

A coloured liquid with a mild odour.

pH

Not required.

Vapour Pressure

Greater than 1.

*(Butyl Acetate = 1)***Boiling Point °C**

145 – 175 °C {literature value}

Density

2.3

Solubility in water

Immiscible

Flash Point °C

27 °C {literature value}

Flammability Limits

Lower Explosive Limit = 1.0%

Upper Explosive Limit = 7.5%

Auto Ignition °C

250 °C {literature value}

Volatile Components

Organic Solvents

STABILITY and REACTIVITY**Chemical Stability**

Stable under normal conditions of use.

Hazardous

Will not polymerize.

Polymerization**Conditions to avoid**

Avoid contact with heat and all ignition sources, moisture, acids and alkalis.

Incompatible

Incompatible with strong oxidizing agents

materials**Hazardous**

Stable.

decomposition**products****TOXICOLOGICAL INFORMATION****Inhalation**LC₅₀

rat Organic Solvents > 20mg/Litre for 4 hours

SkinLD₅₀

rabbit Organic Solvents > 400 mg/kilogram bodyweight/day

IngestionLD₅₀

rat Organic Solvents > 200 mg/kilogram bodyweight/day

Eyes

Organic Solvents – irritant

Sensitization

No data for Organic Solvents – non sensitizer

ECOLOGICAL INFORMATION

Environment No data available.

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.

TRANSPORT INFORMATION

UN number	1263		
Proper Shipping Name	PAINT, immiscible in water		
Class	3	Subsidiary Risk	Not Required
Packing Group	III		
Emergency Procedures	EP 3303	Initial Emergency Response Guide	15
HAZCHEM	3[Y]		
IMDG			

**REGULATORY INFORMATION**

Risk Phrases R	65,66,67	Harmful. May cause lung damage if swallowed. Repeated exposure may cause skin dryness and cracking. Vapours may cause headaches, drowsiness and dizziness
	20/21/22	Harmful by inhalation, skin contact and if swallowed.
	36/37/38	Irritating to eyes, respiratory system and skin.
	10	Flammable
Safety Phrases S	7/9	Keep containers closed and in a well ventilated area when not in use.
	23.5	Avoid breathing vapours or spray mist.
	24/25	Avoid contact with skin and eyes.
	36/37/38/39	Wear recommended Personal Protective Equipment – protective clothing, gloves, boots, respirator, eyes and hearing protection.
SUSDP Classification	The current product is labelled as Schedule 5 Poison.	

OTHER INFORMATION

Emergency Contact [Poisons Information Centre 13 11 26](tel:131126) [HiChem Industries \(03\) 9796 3400](tel:0397963400)

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