

**COLD GAL AEROSOL**

Classified as Hazardous in accordance to criteria of Worksafe Australia

**COMPANY DETAILS****PAINT ZONE**

ABN 25 178 456 993

P.O. BOX 286

SEVENHILLS N.S.W 2147

Phone 02 8807 5995

**Email:** [paintzone@optusnet.com.au](mailto:paintzone@optusnet.com.au)

Fax 02 96245270

**IDENTIFICATION****Product Name:** PAINT ZONE COLD GAL AEROSOL**Product Number:** PZCG 400**Proper Shipping Name:** AEROSOLS (dispensers with a capacity not exceeding 1 Litre)**U.N. Number:** 1950**Dangerous Goods Class:** 2.1**HAZCHEM Code:** 2 Y**Initial Emergency:** 49**Response Guide:****Packing Group:** S 5**Poison Schedule Number:****Product Use:** Paint Zone Cold Gal is a single pack, zinc rich, epoxy primer, applied by "pressure pack" spray. It is & used for the painting of small areas for the protection of steel surfaces against rust.**PHYSICAL DESCRIPTION AND OTHER PROPERTIES****Appearance:** Coloured liquid (Grey)**Initial Boiling Point:** <0 °Celsius (literature value)**Vapour Pressure:** Greater than 1 (Butyl Acetate=1)**Specific Gravity:** 1.0**Flash Point:** - 22 O Celsius (closed cup - literature value)**Flammability Limits:** Lel = 1.0 % Uel = 12.8 %**Solubility in Water:** Immiscible**Auto Ignition Temperature:** 250° Celsius (literature value)**INGREDIENTS**

<b>CHEMICAL SUBSTANCE NAME</b>	<b>CAS Number</b>	<b>Proportion % w/w</b>
<b>Dimethyl Ether:</b>	115-10-6	30-60%
<b>Liquid Aromatic Hydrocarbons:</b>	Not Known	10-30%
<b>Aliphatic Esters</b>	Not Known	10-30%
<b>Acetone</b>	67-64-1	10-30%
<b>Synthetic Resin (Non-Hazardous)</b>	Not Known	10-30%
<b>Coloured Pigments/Extenders (Non-Hazardous)</b>	Not Known	10-30%

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### HEALTH HAZARD INFORMATION

#### HEALTH EFFECTS - ACUTE

- Swallowed:** Ingestion is unlikely to be route of exposure.
- Eyes:** May cause irritation to the eyes.
- Skin:** May cause irritation to the skin.
- Inhalation:** May cause irritation to nose, throat and respiratory tract. Harmful if inhaled.

#### HEALTH EFFECTS - CHRONIC

- Inhalation and Skin:** Repeated or prolonged exposure may cause drying of the skin oils, and can result in dermatitis.

#### FIRST AID

- Swallowed:** If swallowed, and **only if the person is conscious**, give water to drink. **DO NOT** induce vomiting. Seek **URGENT** medical attention if frothing of the mouth occurs.
- Eyes:** If splashed into eyes, irrigate copiously with water for at least 15 minutes. ***Seek immediate medical attention if irritation persists.***
- Skin:** If skin contact occurs, remove contaminated clothing and wash thoroughly with soap and water. Seek medical attention if any irritation occurs.
- 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.
- First Aid Facilities:** Clean water supply, barrier cream, soap and eye wash stations.
- Advice to Doctor:** If poisoning occurs, consult the Poisons Information Centre (Australia **13 1126** ) and have a copy of this Material Safety Data Sheet or label available. **Treat the patient symptomatically.**
- Other Information:** Immerse all contaminated clothing in water for 24 hours. ***Do not re-use until it has been -laundered***

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**PRECAUTIONS FOR USE****ENGINEERING REQUIREMENTS****Exposure Standards:**

Known

Acetone 1185 mg/m<sup>3</sup>

Aliphatic Esters = Not

Not Known

Dimethyl Ether = Not Known

Liquid Aromatic Hydrocarbons

**Engineering Controls:**

ventilation during the application period.

When applying PAINT ZONE COLD GAL, ensure there is adequate

**PERSONAL PROTECTION****Clothing:** (AS 2919)

It is advisable to wear anti static clothing made of natural or high temperature synthetic fibre during the application period.

It is advisable to wear anti static clothing made of natural or high

**Gloves:** (AS2161)

application period.

It is advisable to wear PVC, Viton or Neoprene gloves during the

**Eyes:** (AS-NZS 1337)It is advisable to wear safety glasses fitted with side shields or chemical splash goggles during the application period. ***Do not wear contact lenses.***

It is advisable to wear safety glasses fitted with side shields or

**Respiratory Equipment:**(AS-NZS1715-1716)

Class 2) during the application period.

It is advisable to wear an **Organic Vapour Respirator** (Type A**Foot-wear:**(AS-NZS 2210)

application period.

It is advisable to wear safety boots or safety shoes during the

**Hearing:**(AS-NZS 1270)

Not required.

**PROTECTIVE EQUIPMENT:**

Avoid breathing vapours or spray mist. Avoid contact with eyes and skin. Wear the recommended personal protective clothing as described in this Material Safety Data Sheet.

Avoid breathing vapours or spray mist. Avoid contact with eyes and

**FLAMMABILITY:****Highly flammable liquid. Avoid heat, sparks, ignition sources and naked flames. NO SMOKING** during the application period.**Highly flammable liquid. Avoid heat, sparks, ignition sources and**

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**SAFE HANDLING INFORMATION****STORAGE AND TRANSPORT**

**Storage Requirements:** Containers should be clearly labelled, rigid and strong: Store upright in a cool, dry, well ventilated area away from all heat, ignition sources and direct sunlight. e.g. Flammable Goods Store or Cabinet.

**Storage Regulations:** Although, there is no appropriate Australian Standard (AS) for storing Aerosols, dispensers with a capacity not exceeding 1 litre, it may be advisable to store in accordance with the Australian Standard (AS 1940) - The Storage and Handling of Flammable and Combustible Liquids.

**Transport Requirements:** Classified by the current edition "Australian Code for the Transport of Dangerous Goods by Road and Rail" (ADG) - AEROSOLS, dispensers with a capacity not exceeding 1 litre, UN1950, Class 2.1, HAZCHEM 2 Y, Initial Emergency Response Guide 49.

Dangerous goods of Class 2.1 (Flammable Gas) are incompatible in a placard load

with any of the following :-

Class I

Class 3, if both Class 3 and Class 2.1, dangerous goods in bulk

Class 4.1, 4.2, 4.3

Class 5.1, 5.2

Class 7

**SPILLS AND DISPOSAL**

**Spills:** Contain all spills. Prevent contamination of waterways and sewage. Remove all sources of heat and ignition. **DO NOT SMOKE** during the clean-up procedure. Use sand, earth or earth non-reactive absorbent material (not sawdust) to absorb all spillages. Wash remaining residues with detergent and excess water.

**Disposal:** Keep unwanted residues in labelled and sealed containers for disposal via special waste collection services.

**FIRE & EXPLOSION HAZARD****List of Dangerous Decomposition or Combustion Products:**

May produce toxic gases, including carbon monoxide if burning occurs in a confined space. On heating, containers can rupture and explode.

**Fire Fighting Procedures:** Evacuate all non fire-fighter personnel. Turn off all electricity and power supplies. Keep containers cool with water spray or water fog to prevent rupture or burning. Move away all containers and equipment from the direction of the fire, if safe to do so.

**Extinguishing Media:** Carbon Dioxide (CO<sub>2</sub>) alcohol resistant foam, dry chemical, water spray and water fog. *It is essential that fire-fighters should wear self-contained breathing apparatus when fighting the fire.*

**Reactivity:** No known hazardous reactions or polymerization will occur.

**HAZCHEM CODE:** 2 Y

**Other Precautions:** Immerse all unwanted rags and cloths in water prior to disposal. Do not incinerate or puncture empty containers.

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### OTHER INFORMATION

#### WORKSAFE CLASSIFICATION

**Hazard Category:** The hazardous rating of PAINT ZONE COLD GAL is a harmful substance as defined by the current WORKSAFE.-NOHSC documents.

**Risk Phrases:** Highly Flammable (R1 1 ).  
Harmful by inhalation (R 20).

**Safety Phrases:** Keep away from heat and sources of ignition - **NO SMOKING** (S15/16).  
Do not breathe spray mist or vapours( S22/23)  
Avoid contact with skin and eyes (S24/25).  
Wear recommended respiratory apparatus, protective clothing, gloves and eye/face protection {S36/37/39}.

**ENVIRONMENT:** May be hazardous to the environment. Avoid contaminating waterways and sewage. Do not empty into drains (S29).

#### TOXICITY - Acute Lethal Effects

**Substances:** Acetone, Aliphatic Esters, Dimethyl Ether and Liquid Aromatic Hydrocarbons  
**Oral LD (rat)** > 2000 milligrams/kilogram of body weight  
**Dermal LD (Irabbit)** > 2000 milligrams/kilogram of body weight  
**Inhalation (LCfa rat)** > 5 milligrams/Litre/4 hours of body weight

**CONTACT:** For further information, please contact **POISONS INFORMATION CENTRE**  
**Telephone:** 13 1126

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