

SILVA GAL AEROSOL

Classified as Hazardous according to criteria of Work safe Australia

COMPANY DETAILS**PAINT ZONE**

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IDENTIFICATION

Product name:	PAINTZONE SILVA GAL AEROSOL
Product Number:	PZSG 400
Proper Shipping Name:	AEROSOLS {dispensers with a capacity not exceeding 1 Litre}
UN Number:	1950
Dangerous Goods Class:	2.1
HAZCHEM:	2Y
Packaging Group:	Not Available
Initial Emergency Response:	49
Poison Schedule Number:	S5
Product Use:	PAINT ZONE Silva Gal Aerosol is a single pack zinc rich primer/top coat applied by "pressure pack spray. It is used for the painting or touch up of galvanised areas, or for the protection of steel surfaces against rust.

PHYSICAL DESCRIPTION AND OTHER PROPERTIES

Appearance:	Coloured liquid
Initial Boiling Point:	40 deg Celsius {Literature value}
Vapour Pressure:	Greater than 1
Specific Gravity:	0.8
Flash Point:	<- 22 0 Celsius {Literature value}
Flammability Limits:	Lel = 1.0 Uel = 7.0
Solubility in Water:	Immiscible
Auto Ignition Temperature:	250 deg Celsius

INGREDIENTS

<u>CHEMICAL SUBSTANCE NAME</u>	<u>CAS Number</u>	<u>Proportion</u>
Liquefied Petroleum Gas:	68476-85-7	30-60%w/w
Xylene:	1330-20-7	30-60%w/w
Coloured Pigments: (Non - Hazardous)	Not Known	< 10%w/w
Synthetic Resins: (Non - Hazardous)	Not Known	10-30%w/w
Additives: (Non - Hazardous)	Not Known	< 10%w/

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HEALTH HAZARD INFORMATION**HEALTH EFFECTS - ACUTE**

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

HEALTH EFFECTS - CHRONIC

- Chronic:** Repeated or prolonged exposure may cause loss of skin oils and can result in dermatitis.

FIRST AID

- Swallowed:** If swallowed, and only if the person is conscious, give a glass of water to drink. **DO NOT** induce vomiting. Seek **URGENT** medical attention if frothing from the mouth occurs.
- Eyes:** If sprayed 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.
- Inhaled:** 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 or have a copy of this Material Safety Data Sheet, or label available. Treat the patient symptomatically.

PRECAUTIONS FOR USE**ENGINEERING REQUIREMENTS**

- Exposure Standards:** Liquefied Petroleum Gas = 1800 mg/m Xylene = 350 mg/m
- Engineering Controls:** When applying PAINT ZONE Silva Gal Aerosol, ensure there is adequate ventilation.

PERSONAL PROTECTION

- Clothing:** (AS 2919) It is advisable to wear antistatic clothing, made on natural or high temperature synthetic fibre, during the application period.
- Gloves:** (AS 2161) It is advisable to wear PVC, Viton or Neoprene gloves during the application period.
- Eyes:** (AS-NZS 1337) It is advisable to wear safety glasses fitted with side shields or chemical splash goggles during the application period.
- Respiratory Equipment:** It is advisable to wear Organic Vapour Respirator {Type A Class 2} during the application period. (AS-NZS 175-1716)
- Footwear:** (AS-NZS 2210) It is advisable to wear safety shoes or safety boots during the application period.

PROTECTIVE EQUIPMENT

Avoid breathing vapours or spray mists, avoid contact with skin and eyes. Wear the recommended personal protection equipment as described in this Material Safety Data Sheet.

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

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SAFE HANDLING INFORMATION**STORAGE AND TRANSPORT**

Storage Requirements: Containers should be clearly labelled, rigid, strong, and stored upright in a cool, dry, well ventilated area away from all sources of heat and ignition e.g. In a **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 “ as AEROSOLS, dispensers with a capacity not exceeding 1 Litre, UN 1950, Class 2.1, HAZCHEM 2Y, 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 1

Class 3 If both the Class 3 and Class 2.1 dangerous goods are in bulk

Class 4.1

Class 4.2

Class 4.3

Class 5.1

Class 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 other non-reactive absorbent material {not sawdust} to absorb all spillages. Wash remaining residues with detergent and excess water.

Disposal: Keep unwanted aerosol can(s) and 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-fighting personnel. Turn off all electricity and power supplies. Keep containers cool with water spray 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. {C0 alcohol resistant foam, dry chemical, water spray or 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 puncture or incinerate empty cans.

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OTHER INFORMATION**WORKSAFE CLASSIFICATION**

Hazard Category: The hazardous rating for PAINT ZONE SILVA GAL AEROSOL is both harmful and irritating substance as defined by the current Work safe - NOHSC documents.

Risk Phrases: Highly Flammable (R11).
Harmful by inhalation, contact with skin and if swallowed (R20-21-22).
Irritating to eyes, respiratory tract and skin (R36-37-38).

Safety Phrases: Keep away from heat and sources of ignition - **NO SMOKING** (S15-16).
Do not breathe vapour or spray mist (S22-23).
Avoid contact with skin and eyes (S24-25).
Wear suitable 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.

TOXICITY

Acute Lethal Effects for Liquefied Petroleum Gas and Xylene.
Oral LD (rat) □ 2000 milligrams/kilogram of body weight.
Dermal LD (rabbit) 2000 milligrams/kilogram of body weight.
Inhalation LC (rat) □ 5milligrams/Litre/4 hours of body weight.

CONTACT

For further information, please contact **POISONS INFIRMATION CENTRE**
PHONE: (AUSTRALIA) 13 1126

DISCLAIMER

Data provided is to the best of PAINT ZONES knowledge and believed accurate and reliable as of the date issued. However no expressed or implied warranties are given. PAINT ZONE cannot anticipate or control the conditions under which this information may be used. Therefore it is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their particular use.