

SILICONE SPRAY

Classified as Hazardous in accordance to criteria of Worksafe Australia

COMPANY DETAILS

PAINT ZONE

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IDENTIFICATION**Product Name:** PAINT ZONE SILICONE SPRAY**Product Number:** PZSP 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**Packing Group:** S 5**Poison Schedule Number:****Product Use:** Paint Zone Silicone Spray is silicone lubricant in aerosol form.**PHYSICAL DESCRIPTION AND OTHER PROPERTIES****Appearance:** Clear Liquid **Odour :** Aromatic**Freezing/Melting Point:** -188C (Hydrocarbon Gas) **Boiling Point:**-20C (Gas)**Vapour Pressure:** 1820 mm Hg @25C (Gas) **Density:** .70-.75**Volatile Percent:** 75% w/w**Flash Point:** -60C (Gas)**Flammability Limits:** 1.9 to 8.9% (Gas)**Solubility in Water:** Insoluble(Gas is soluble @61.2mg/l)**Auto Ignition Temperature:** 287° Celsius (Gas)**Other Properties:** Incompatible with oxidising substances, heat and ignition sources**INGREDIENTS**

<u>Chemical Identity</u>	<u>Proportion</u>	<u>Cas No</u>
Hydrocarbon Gas	30-60 %	68478-86-8
Light Aliphatic Petroleum Solvent	10-30 %	64742-89-8

Ingredients determined to be non-hazardous or below cut off concentration

Including Food Grade Silicon.

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This Product is hazardous according to the criteria of the NOHSC. Classed as a Schedule 5 Poison according to the SUSDP. Classed as UN1950 Class 2.1 Aerosol. All components are listed on the A/CS.

RISK PHRASES

R36/37/38 Irritating to the eyes, respiratory system and skin. R51/53 Toxic to aquatic organisms and may have long term adverse effects on the aquatic environment. R65 may cause lung injury if swallowed. R66 may cause drying and cracking of the skin with repeated exposure. **Warning** inhaling concentrated vapours (Chroming) may prove fatal.

SAFETY PHRASES

S2 Keep out of reach of children. S14 Keep away from heat ignition sources and oxidisers. S23 Do not breathe vapour. S24/25 avoid contact with skin or eyes. S36/37/39 wear suitable protective clothing gloves and eye/face protection. S60 this material and its contents must be disposed of as hazardous waste.

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

The NOHSC has not established an exposure standard for this product. The standards for the ingredients have been set.

Substance	TWA	STEL
Hydrocarbon Gas	1800 mg/m	n.all
Petroleum Light Aliphatic (set by supplier)	98.3mg/m	1230 mg/m

Engineering Controls:

When applying PAINT ZONE SILICONE, ensure there is adequate ventilation.

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Swallowed: May cause stomach discomfort. May cause chemical pneumonia if aspirated into the bronchial system during vomiting. May cause lung injury if swallowed.

Eyes: May cause severe irritation to the eyes. Clouding of vision may be experienced but is transient.

Skin: May cause irritation to the skin. Long exposure may lead to skin drying or cracking or sensitisation of skin.

Inhalation: High concentration of vapours can be harmful and inflict lung injuries in enclosed spaces. Excessive inhalation of vapours can affect the central nervous system leading to a loss of coordination and impaired judgment. Prolonged exposure can lead to stupor or unconsciousness. Deliberate inhalation of vapours commonly known as "chroming" may prove fatal.

FIRST AID

Swallowed: If swallowed, and **only if the person is conscious**, rinse mouth with water and give 2 x 300ml glasses of water to drink. **DO NOT** induce vomiting. If patient involuntarily vomits encourage to lean forward from the hips to avoid aspiration. 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 (Aust. **13 1126**)
Treat the patient symptomatically. Prolonged or repeated skin exposure may lead to dermatitis. Prolonged exposure to high vapour concentrations may lead to CNS effects and liver and kidney disorders. "Chroming" may cause heart failure and brain damage thru CNS effects. Aspiration of vomitus may cause chemical pneumonitis.

Possible aggravated pre-existing conditions

Asthmatics and sufferers of other bronchial disorders should exercise particular care when working with aerosols.

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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.

Gloves: (AS2161) It is advisable to wear PVC, Viton or Neoprene gloves.

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.**

Respiratory Equipment:(AS-NZS1715-1716) It is advisable to wear an **Organic Vapour Respirator** (Type A Class 2) during the application period.

Foot-wear:(AS-NZS 2210) It is advisable to wear safety boots or safety shoes during the application period.

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.

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

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.

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 Class 4.2 Class 4.3

Class 5.1 Class 5.2

Class 7

SILICONE SPRAY**Classified as Hazardous in accordance to criteria of Worksafe Australia****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 from all containers and equipment from the direction of the fire, if safe to do so.

Extinguishing Media: Carbon Dioxide (CO₂) 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.

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

TOXICITY - Acute Lethal Effects

Substances: LPG; LC50 Inhal Rat 4 hr G58 g/m

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