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**HAZARD IDENTIFICATION**

The product is classified as both **Dangerous Goods** and **Hazardous Substance** in accordance to Work Safe Australia criteria.

**Risk Phrases R**

- 12 Extremely Flammable Gas  
 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.  
 34 Causes burns to the eyes, respiratory system and skin.  
 40 Limited evidence of a carcinogenic effect.  
 51/53/59 Toxic to aquatic organisms and may cause long term adverse effects in the aquatic environment. Dangerous for the ozone layer

**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.  
 15/16 Keep away from heat and sources of ignition.  
 20/21 When using, do not eat, drink or smoke.  
 23.5 Do not breathe the vapours or spray mist  
 24/25 Avoid **all** 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 In contact with the skin, wash immediately soap and plenty of water.  
 36/37/38/39 Wear protective clothing, including enclosed footwear, PVC or Neoprene gloves, organic vapour/particulate respirator including eye and face 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 advice immediately. Show the label where possible.

**ADG** AEROSOLS – with a capacity less than 1 Litre, UN 1950, HAZCHEM 2 YE, Class

**Classification** 2.1, Initial Emergency Response Guide 49.

**SUSDP** Classified as a Schedule S 5 poison.

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

<b>Product Name</b>	AEROSOL QUICKSTRIP	<b>Code</b>	QS 400
<b>Product Use</b>	An aerosol spray used for stripping paint films prior to painting.		
<b>Ingredients</b>	<b>Name</b>	<b>CAS Number</b>	<b>Proportion w/w</b>
	Di Chloro Methane	75 – 09 – 2	30 – 60 %
	Liquefied Petroleum Gas	68746 – 85 – 7	30 – 60 %
	Ethyl Benzene	100 – 41 – 4	1.0 – <10.0 %
	Xylene	1330 -20 – 7	1.0 – <10.0 %
	Phenol	108 – 95 – 2	1.0 – <10.0 %
	Additives (Non – Hazardous)	Mixture	1.0 – <10.0 %

**FIRST AID MEASURES**

<b><i>Inhalation</i></b>	If the applicator feels drowsy, dizzy, tired or experiencing headaches, remove the victim away from the contaminated area to the fresh air. Keep the victim warm and quiet until all symptoms subside. If the victim is not breathing, apply artificial respiration immediately away from the contaminated area.
<b><i>Ingestion</i></b>	Unlikely route of exposure. If swallow, and only if the person is conscious, give water to drink. <b>DO NOT</b> induced vomiting; seek URGENT medical attention if frothing from the mouth occurs.
<b><i>Eyes</i></b>	If splashed into eyes, hold eyelids apart, and flush the eyes continuously with running for at least 15 minutes. Continue flushing until advised by a doctor.
<b><i>Skin and Hair</i></b>	If skin and hair contact occurs, remove contaminated clothing, and wash thoroughly with soap and plenty of water. Continue flushing until advised by a doctor.
<b><i>First Aid Facilities</i></b>	Clean Water Supply, soap or skin cleaner, barrier cream, emergency showers and eye wash stations.
<b><i>Advice to Doctor</i></b>	If poisoning occurs, consult with the Poisons Information Centre {Telephone <b>13 11 26</b> }. Have a copy of this material safety data sheet or label available. Treat symptomatically as symptoms may be delayed for several hours after exposure.

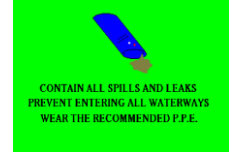
**FIRE FIGHTING MEASURES**

<b><i>Extinguishing Media and Requirements</i></b>	Carbon Dioxide {CO <sub>2</sub> }, alcohol resistant foam, dry chemical or water spray. <b>DO NOT</b> use water jets. Bund area with sand to prevent run – off entering waterways, sewage and drains.
<b><i>Hazardous Decomposition Products</i></b>	On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide, soot and smoke, phosgene, hydrogen chloride and chlorine above the boiling point
<b><i>Flammability</i></b>	Highly Flammable Gas. Flash Point = <- 25 °C
<b><i>Specific Hazards</i></b>	Vapours may form explosive/air mixtures.
<b><i>Precautions in connection with Fire</i></b>	Fire – fighters must 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 packages and equipment from the direction of the fire, if safe to do so. Keep upwind.



**ACCIDENTAL RELEASE MEASURES**

<b>Emergency Procedures. Spills and Leaks</b>	Contain all spills and leaks. Avoid contamination with spilt material on surfaces or entering waterways, drains and sewage. Remove all sources of ignition and <b>NO SMOKING</b> . 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.
<b>Disposal</b>	Collect all residues into labelled and sealed containers for disposal via special waste collection services as per local Statutory Authority requirements.
<b>Other Precautions</b>	Ensure there is adequate ventilation at all times during the cleaning up period.

**HANDLING and STORAGE**

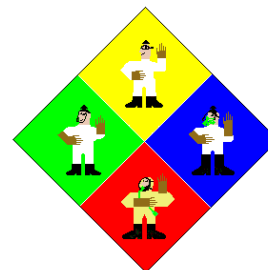
<b>Precautions for Safe Handling</b>	Highly Flammable Gas. Remove all sources of ignition. Wear the recommended Personal Protective Equipment including organic vapour respirator, eye/face protection, protective clothing, gloves and enclosed footwear. Ensure there is adequate ventilation at all times. After use, before eating, drinking or smoking, wash all exposed skin and hair with soap and water.
<b>Conditions of Safe Storage</b>	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**

<b>Exposure Standards MAK</b>	Phenol = 0.1 mg/m <sup>3</sup> . Di Chloro Methane = 350 mg/m <sup>3</sup> . Liquefied Petroleum Gas = 1800 mg/m <sup>3</sup> . Xylene = 655 mg/m <sup>3</sup> .	Ethyl Benzene = 100 mg/m <sup>3</sup> . Xylene = 350 mg/m <sup>3</sup> .
<b>Exposure Standards STEL</b>	There are no known Biological Limited Values have been assigned.	
<b>Biological Limited Values</b>	The use of local exhaust ventilation equipment is required. All ventilation equipment must be fitted with flame and explosion proof electrical fittings. Do not use in a confined area.	
<b>Engineering Controls</b>		

**PERSONAL PROTECTION**

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

**PHYSICAL – CHEMICAL PROPERTIES**

<b>Appearance</b>	A colourless gas with a strong odour.	
<b>pH</b>	Not required.	
<b>Vapour Pressure</b> (Butyl Acetate = 1)	Greater than 1	
<b>Boiling Point °C</b>	<0 – 145 °C (literature value)	
<b>Density</b>	0.9 (calculated value)	
<b>Solubility in water</b>	Immiscible	
<b>Flash Point °C</b>	< - 25 °C (literature value)	
<b>Flammability Limits</b>	Lower Explosive Limit = 1.0	Upper Explosive Limit = 22.0
<b>Auto Ignition °C</b>	200 °C (literature value)	
<b>Volatile Components</b>	Di Chloro Methane and Liquid Hydrocarbons.	

**STABILITY and REACTIVITY**

<b>Chemical Stability</b>	Stable under normal conditions of use.
<b>Conditions to avoid</b>	Avoid contact with heat, all ignition sources and static electricity
<b>Hazardous decomposition products</b>	On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including hydrogen chloride, chlorine gas, phosgene and carbon monoxide.
<b>Incompatible materials</b>	Incompatible with strong oxidizing agents
<b>Hazardous Reactions</b>	Not Known.

**TOXICOLOGICAL INFORMATION**

<i>Health Effects</i>	<i>Risk Phrase</i>	<i>Phenol</i>	<i>Di Chloro Methane</i>	<i>Ethyl Benzene</i>	<i>Xylene</i>
Inhalation LC <sub>50</sub> rat	20	Not Known	20 mg/L	20 mg/L	20 mg/L.
Dermal LD <sub>50</sub> rabbit	21	670 mgm/kg	2000 mgm/kg	2000 mgm/kg	4500 mgm/kg
Oral LD <sub>50</sub> rat	22	320 mgm/kg	1600 mgm/kg	2000 mgm/kg	4300 mgm/kg
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 Toxicity rat	Low toxicity. High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.				

**TOXICOLOGICAL INFORMATION (CONTINUED)****Health Effects**

Inhalation	The inhalation of vapours causes acute irritation to the respiratory system. Other symptoms may cause central nervous system depression resulting in headaches, dizziness, nausea, loss of co-ordination, impaired judgement. Vapours may cause headaches, drowsiness and dizziness
Ingestion	Large quantities will cause nausea and vomiting.
Eyes	Corrosive to the eyes, including burning sensation, redness, swelling and/or blurred vision. Also, may cause decreased in colour perception.
Skin	Will burn the skin.
Carcinogenic	Limited evidence of a carcinogenic effect
Mutagenic	Not mutagenic in animal studies.
Reproductive Toxicity	No data available

**ECOLOGICAL INFORMATION**

<b>Environment</b>	Toxic to aquatic organisms (R 51) May cause long – term adverse effects in the aquatic environment (R 53). Danger to the ozone layer (R 59).
<b>Persistence/ Degradability</b>	No data available.
<b>Mobility</b>	No data available
<b>Environment Protection</b>	Not Known

**DISPOSAL CONSIDERATIONS**

Collect all residues and placed into labelled and sealed containers. Do not incinerate empty aerosol containers after use. Dampen all unwanted cloths and rags in water prior to disposal. Do not recycle contents. Crush all small empty aerosol containers. Ensure all contents do not pollute waterways, drains and sewage.

**TRANSPORT INFORMATION**

<b>UN number</b>	1950		
<b>Proper Shipping Name</b>	AEROSOL – capacity less than 1 Litre		
<b>Class</b>	2.1	<b>Subsidiary Risk</b>	Not Required
<b>Packing Group</b>	Not Assigned		
<b>Emergency Procedures</b>	EP 3900	<b>Initial Emergency Response Guide</b>	49
<b>HAZCHEM</b>	2 YE		
<b>IMDG</b>	Not Known		



**REGULATORY INFORMATION**

<b>Regulatory Information and Hazard Category</b>	The product is classified as a Hazardous Substance in accordance to Work Safe Australia as Harmful and Corrosive.
<b>SUSDP Classification</b>	Classified as a Schedule S 6 Poison.

**OTHER INFORMATION**

<b>Emergency Contact</b>	<b>Poisons Information Centre 13 11 26</b>	<b>HiChem Paint Technologies</b>
<b>Disclaimer</b>		<b>(03) 9796 3400</b>

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