

**HiChem Paint Technologies Pty.Ltd.**

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**HAZARD IDENTIFICATION**

The product is classified as Hazardous Substance in accordance with Safe Work Australia – Hazardous Substances Information System {HSIS 2013} AUSTRALIA, Global Harmonised System {GHS} and Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP).



H 226	Category 3	Flammable liquid and vapour
H 302	Category 4	Harmful if swallowed.
H 312	Category 4	Harmful in contact with skin
H 316	Category 3	Causes mild skin irritation
H 320	Category 2B	Causes eye irritation
AUH 066	Repeated exposure may cause skin dryness or cracking	
H 332	Category 4	Harmful if inhaled
H 336	Category 3	Vapours may cause dizziness and drowsiness
H 373	Category 2	Causes damage to organs
H 413	Category 5	May cause long lasting harmful effect to the aquatic environment

**GHS HAZARD STATEMENTS****PRECAUTIONARY REQUIREMENTS**

General Precautionary Prevention	P 102/3	Keep out of reach of children and read label before use.	
	P 233/4	Keep in the original container and tightly closed when not in use. Keep away from moisture at all times.	
	P 261	Avoid skin, inhalation and eye contact during the application	
	P 270	period. No smoking, eating or drinking.	
	P 271	Use in a well ventilated area away from all electrical or sparking equipment.	
	P 273	Avoid release to environment.	
	P 280	Wear hair and face protection, organic vapour respirator, safety glasses fitted with side shields, gloves and protective clothing during handling and application period at all times	
	Response	P 301	If swallowed, rinse the mouth with water immediately. Do not induce vomiting. Seek medical advice.
		P 303	If on skin, face or hair, wash immediately with soap and plenty of water. If irritation occurs, seek medical advice.
		P 304/	If inhaled, remove oneself to fresh air and keep warm. Rest
P 340		in a comfortable position away from the contaminated area. Seek medical advice if required.	
P 305/		If in eyes, rinse with plenty of water and removed contact	
P 338		lens if worn immediately. Seek medical advice if burning occurs.	
P 362		Wash contaminated clothing and wash before re-use.	
P 381	Eliminate all ignition sources and turn off electricity.		
P 403	Store in a well ventilated area away from moisture		

Disposal P 501 Dispose carefully unused contents and container(s) to an approved waste disposal plant. Classified as PAINT, Class 3 UN 1263, Packing Group III,HAZCHEM 3[Y]

**Product Usage.**

*HICHEM CAVITY RUST INHIBITOR 1 LITRE* is a heavy duty wax coating for rust and corrosion prevention as it dries to a flexible, non – sticky water repellent film. It is designed for use on concealed internal surfaces of automotive vehicles and farming machinery and tools.  
 For further information, contact HICHEM helpdesk on (03) 9796 3034.

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

<i>Product Name</i>	CAVITY RUST INHIBITOR 1 LITRE	<i>Code</i>	CRI1.15
<i>Name</i>		<i>CAS Number</i>	<i>Proportion w/w</i>
Petroleum Hydrocarbon Resin/Oil		Mixture	10 – <30.0 %
Butyl Acetate		123 – 86 – 4	10 – <30.0 %
Naphtha Hydrodesulphurized Heavy		64742 – 48 – 9	10 – <30.0 %
Ethylene Glycol Mono Butyl Ether		111 – 76 - 2	1.0 – <10.0 0%
n Butyl Alcohol		71 – 36 – 3	10 – <30.0 %
Xylene		1330 – 20 – 7	10 – <30 0 %
Ethyl Benzene		100 – 41 – 4	1.0 – <10.0 0%
Additives		Mixture	0.1 – <1.0 %

**FIRST AID MEASURES**

<b>Inhalation</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>Ingestion</b>	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>Eyes</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>Skin and Hair</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>First Aid Facilities</b>	Clean Water Supply, soap or skin cleaner, barrier cream, emergency showers and eye wash stations.
<b>Advice to Doctor</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

**Extinguishing Media and Requirements**  
**Hazardous Decomposition Products**  
**Flammability**  
**Specific Hazards**  
**Precautions in connection with Fire**

Carbon Dioxide {CO<sub>2</sub>}, alcohol resistant foam, dry chemical or water spray. **DO NOT** use water jets. Bund area with sand to prevent run – off entering waterways, sewage and drains. On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide, soot and smoke, above the boiling point  
Flammable Liquid. Flash Point = 25 °C  
Vapours may form explosive/air mixtures.  
Fire – fighters should wear Chemical Splash Suit with attached Self – Contained Breathing Apparatus incorporating an Organic Vapour Respirator 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

**Emergency Procedures.**  
**Spills and Leaks**

Contain all spills and leaks. Avoid contamination with spilt material on surfaces or entering waterways, drains and sewage. 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**

Ensure there is adequate ventilation at all times during the cleaning up period.



### HANDLING and STORAGE

**Precautions for Safe Handling**

Flammable Liquid. 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.

### EXPOSURE CONTROLS for 8 hours

**Exposure Standards MAK**

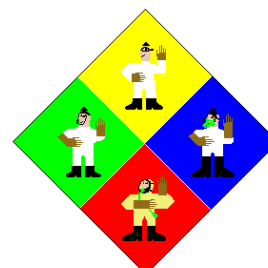
n Butyl Alcohol = 152 mg/m<sup>3</sup>  
Butyl Acetate = 715 mg/m<sup>3</sup>  
Xylene= 350 mg/ m<sup>3</sup>  
Naphtha Hydrodesulphurized Heavy =100 mg/m<sup>3</sup>  
Ethyl Benzene = 435 mg/m<sup>3</sup>

**Biological Limited Values**

There are no known Biological Limited Values have been assigned.

### PERSONAL PROTECTION

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



### PHYSICAL – CHEMICAL PROPERTIES

<b>Appearance</b>	A coloured liquid with a perfume odour.	
<b>pH</b>	Not required.	
<b>Vapour Pressure</b> (Butyl Acetate = 1)	Less than 1	
<b>Boiling Point °C</b>	125 – 185 °C	
<b>Density</b>	0.86 {calculated value}	
<b>Solubility in water</b>	Immiscible	
<b>Flash Point °C</b>	25 °C (literature value)	
<b>Flammability</b>	Lower Explosive Limit = 1.0	Upper Explosive Limit = 11.3
<b>Limits</b>		
<b>Auto Ignition °C</b>	370 °C (literature value)	
<b>Volatile Organic Compounds VOC</b>	77 % volume/volume	
<b>Volatile Components</b>	Liquid hydrocarbons, glycol ether, aliphatic ester and alcohol	

### STABILITY and REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions of use.
<b>Conditions to avoid</b>	Avoid contact with heat and all ignition sources.
<b>Hazardous decomposition products</b>	On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide, soot and smoke.
<b>Incompatible materials</b>	Incompatible with strong oxidizing agents
<b>Hazardous Reactions</b>	Will not polymerize.

### TOXICOLOGICAL INFORMATION

<i>Ingredient</i>	<i>Inhalation LC<sub>50</sub> (rat)</i>	<i>Dermal LD<sub>50</sub> (rabbit)</i>	<i>Oral LD<sub>50</sub>(rat)</i>
Butyl Acetate	29mgm/Litre	17600 mgm/kgm	14100mgm/kgm
Naphtha Hydrodesulphurized Heavy	20 mgm/Litre	2000 mgm/kgm	2000 mgm/kgm
Ethyl Benzene	20 mgm/Litre	15500 mgm/kgm	3500 mgm/kgm
n Butyl Alcohol	20 mgm/Litre	3400 mgm/kgm	790 mgm/kgm
Xylene	20 mgm/Litre	4500 mgm/kgm	2840 mgm/kgm

Acute Oral Toxicity	Low toxicity. Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis which may be fatal.
Acute Dermal Toxicity	Low toxicity.
Acute Inhalation Toxicity	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 may cause 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 may cause nausea and vomiting. May be harmful causing lung damage if swallowed.
Eyes	If in eyes, may cause other symptoms including burning sensation, redness, swelling and/or blurred vision. Also, may cause decreased in colour perception.
Skin	May have degreasing effect on the skin may result in contact dermatitis. Repeated or prolonged exposure may cause skin dryness and cracking.
Carcinogenic	Not carcinogenic in animal studies
Mutagenic	Not mutagenic in animal studies.
Reproductive Toxicity	No data available

### ECOLOGICAL INFORMATION

<i>Environment</i>	May cause long lasting harmful effects to the aquatic environment.
<i>Persistence/ Degradability</i>	No data available.
<i>Mobility</i>	No data available
<i>Environment Protection</i>	Not Known



### 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. Crush all small empty containers. Large containers and drums may be sent to an approved drum recycler. Ensure all contents do not pollute waterways, drains and sewage

### TRANSPORT INFORMATION

<b>UN number</b>	1263		
<b>Proper Shipping Name</b>	PAINT, – immiscible in water		
<b>Class</b>	3	<b>Subsidiary Risk</b>	Not Required
<b>Packing Group</b>	III		
<b>Emergency Procedures</b>	EP 3305	<b>Initial Emergency Response Guide</b>	15
<b>HAZCHEM</b>	3[Y]		
<b>IMDG</b>	Not Known		



### REGULATORY INFORMATION

<b>Regulatory Information and Hazard Category</b>	The product is classified as Hazardous Substance in accordance to SAFE WORK AUSTRALIA {HSIS} and Globally Harmonised System as Harmful and Irritant.
<b>SUSMP Classification</b>	Classified as a Schedule S 5 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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