

**HiChem Paint Technologies Pty.Ltd.**

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Email: [msdsinfo@hichem.com.au](mailto:msdsinfo@hichem.com.au) [www:hichem.com.au](http://www.hichem.com.au)**HAZARD IDENTIFICATION**

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

**Risk Phrases R**

There are no assigned risk phrases for this product as the concentration of the ingredients are below the recommended concentration cut – off values i.e. non – hazardous.

**Safety Phrases S**

- 2 Keep out of reach of children.  
 7 Keep containers tightly closed when not in use.  
 20/21 When using, do not eat, drink or smoke.  
 24/25 Avoid 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 with soap and plenty of water.  
 37/38/39 It is recommended to wear Safety Glasses fitted with side – shields, Viton or PVC gloves, enclosed footwear and protective clothing.  
 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 Classification** Not classified as a Dangerous Good in accordance with the current edition “Australian Code for the Transport of Dangerous Goods by Road and Rail”.

**SUSDP** Not classified as a Schedule poison.

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

<b>Product Name</b>	RUST CONVERTER and PRIMER SEALER	<b>Code</b>	RC
<b>Product Use</b>	A synthetic resin coating applied by brush or spray for converting rust and sealing ferrous surfaces prior to overcoating with conventional finishes.		
<b>Ingredients</b>	<b>Name</b>	<b>CAS Number</b>	<b>Proportion w/w</b>
	Water (Non – Hazardous)	7732 – 18 – 2	60 – 100.0 %
	Ethylene Glycol Mono Butyl Ether	111 – 76 – 2	1.0 – <10.0 %
	Poly Vinyl Acrylic Resin (Non – Hazardous)	Proprietary	10 – <30.0 %
	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>	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>	Not required as the product is non – flammable and non – combustible.
<b><i>Hazardous Decomposition Products</i></b>	Above the boiling point, the product may decompose into acetic and acrylic acids, and may burn forming carbon oxides, soot and smoke if evolved in a fire.
<b><i>Flammability</i></b>	Non – Flammable and Non – Combustible Liquid.
<b><i>Specific Hazards</i></b>	Not Known.
<b><i>Precautions in connection with Fire</i></b>	Fire – fighters should 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><i>Spills and Leaks Disposal</i></b>	Wash all spills and leaks with excess water. Residues may be washed away with water, since the product is non – hazardous to the environment. No special disposal requirements are required. For any queries consult the Local Statutory Authorities.
<b><i>Other Precautions</i></b>	Not required.



## HANDLING and STORAGE

**Precautions for Safe Handling**

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. Keep out of reach of children.

**Conditions of Safe Storage**

Containers must be clearly labelled, rigid and strong. Store upright in a cool, dry, well ventilated area.

## EXPOSURE CONTROLS

**Exposure Standards MAK**  
**Exposure Standards STEL**  
**Biological Limited Values**  
**Engineering Controls**

Ethylene Glycol Mono Butyl Ether =100 mg/m<sup>3</sup>.

No data available

There are no known Biological Limited Values have been assigned.

Use in a well ventilated area.

## PERSONAL PROTECTION

**Inhalation**

**AS –NZS**

**1715/16**

**Eye**

**AS –NZS 1337**

**Gloves**

**AS –NZS 2161**

**Footwear**

**AS –NZS 2210**

**Clothing**

**AS –NZS 2919**

**Hearing**

**AS –NZS 1270**

**Other**

**Requirements**

The wearing of Organic Vapour Respirator is recommended to be worn at all times during the handling and application period.

The wearing of safety glasses fitted with side shields is recommended to be worn at all times during the handling and application period. Do not wear contact lenses.

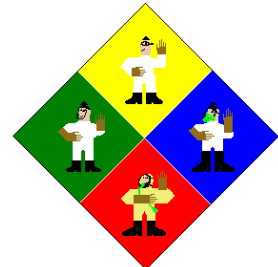
The wearing of Neoprene or PVC gloves is recommended to be worn at all times during the handling and application period.

The wearing of enclosed footwear is recommended to be worn at all times during the handling and application period

The wearing of anti-static clothing made on natural or synthetic high temperature fibre is recommended to be worn at all times during the handling and application period

The wearing of hearing protection when applying by conventional spray is recommended to be worn during the application period.

Avoid contact with eyes and skin. Avoid inhaling vapours and spray at all times



### PHYSICAL – CHEMICAL PROPERTIES

<b>Appearance</b>	A colourless liquid with no appreciable odour.	
<b>pH</b>	4 – 6	
<b>Vapour Pressure</b> <i>(Butyl Acetate = 1)</i>	Less than 1	
<b>Boiling Point °C</b>	100 – 170 °C (literature value)	
<b>Density</b>	1.03	
<b>Solubility in water</b>	Miscible	
<b>Flash Point °C</b>	Non Flammable.	
<b>Flammability Limits</b>	Lower Explosive Limit = Not Required.	Upper Explosive Limit = Not Required
<b>Auto Ignition °C</b>	Not Required	
<b>Volatile Components</b>	Water	

### STABILITY and REACTIVITY

<b>Chemical Stability</b>	Stable under normal conditions of use.
<b>Conditions to avoid</b>	None
<b>Hazardous decomposition products</b>	No known hazardous decomposition products.
<b>Incompatible materials</b>	Not Required
<b>Hazardous Reactions</b>	There are no hazardous chemical reactions since is supplied as water – based polymeric coating.

### TOXICOLOGICAL INFORMATION

<i>Health Effects</i>	<i>Risk Phrase</i>	<i>Ethylene Glycol Mono Butyl Ether</i>
Inhalation	20	20 mg/m <sup>3</sup> .
LC <sub>50</sub> rat		.
Dermal	21	220 mgm/kg
LD <sub>50</sub> rabbit		
Oral	22	470 mgm/kg
LD <sub>50</sub> rat		

Acute Oral Toxicity rat	Low toxicity since the Ethylene Glycol Mono Butyl Ether component is below the recommended cut – off value (i.e. less than 10% weight/weight).
Acute Dermal Toxicity rabbit	Low toxicity since the Ethylene Glycol Mono Butyl Ether component is below the recommended cut – off value (i.e. less than 10% weight/weight).
Acute Inhalation Toxicity rat	Low toxicity since the Ethylene Glycol Mono Butyl Ether component is below the recommended cut – off value (i.e. less than 10% weight/weight).

## TOXICOLOGICAL INFORMATION (CONTINUED)

### Health Effects

Inhalation	No data available.
Ingestion	No data available.
Eyes	No data available.
Skin	No data available.
Carcinogenic	No evidence of a carcinogenic effect
Mutagenic	Not mutagenic in animal studies.
Reproductive	No data available
Toxicity	

## ECOLOGICAL INFORMATION

<i>Environment</i>	No data available
<i>Persistence/</i>	No data available.
<i>Degradability</i>	
<i>Mobility</i>	No data available
<i>Environment</i>	Not Known
<i>Protection</i>	



## DISPOSAL CONSIDERATIONS

Non – Hazardous. Wash away all spilt material with excess water. For any queries consult the Local Statutory Authorities.

## TRANSPORT INFORMATION

<i>UN number</i>	Not Required.		
<i>Proper Shipping</i>	NON DANGEROUS GOODS		
<i>Name</i>			
<i>Class</i>	Not Required	<i>Subsidiary Risk</i>	Not Required
<i>Packing Group</i>	Not Required		
<i>Emergency</i>	Not Required	<i>Initial Emergency</i>	Not Required
<i>Procedures</i>		<i>Response Guide</i>	
<i>HAZCHEM</i>	Not Required		
<i>IMDG</i>	Not Known		



## REGULATORY INFORMATION

<i>Regulatory</i>	The product is classified as a Non Hazardous Substance in accordance to Work Safe
<i>Information and</i>	Australia.
<i>Hazard Category</i>	
<i>SUSDP</i>	Not classified as a Schedule Poison.
<i>Classification</i>	

**OTHER INFORMATION**

**Emergency  
Contact  
Disclaimer**

**Poisons Information Centre 13 11 26**

**HiChem Paint Technologies  
(03) 9796 3400**

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