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

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 period. No smoking, eating or drinking.
P 270  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 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 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

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**

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Code</th>
<th>CAS Number</th>
<th>Proportion w/w</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petroleum Hydrocarbon Resin/Oil Mixture</td>
<td>10 – &lt;30.0 %</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Butyl Acetate</td>
<td>123 – 86 – 4</td>
<td>10 – &lt;30.0 %</td>
<td></td>
</tr>
<tr>
<td>Naphtha Hydrodesulphurized Heavy</td>
<td>64742 – 48 – 9</td>
<td>10 – &lt;30.0 %</td>
<td></td>
</tr>
<tr>
<td>Ethylene Glycol Mono Butyl Ether</td>
<td>111 – 76 - 2</td>
<td>1.0 – &lt;10.0 0%</td>
<td></td>
</tr>
<tr>
<td>n Butyl Alcohol</td>
<td>71 – 36 – 3</td>
<td>10 – &lt;30.0 %</td>
<td></td>
</tr>
<tr>
<td>Xylene</td>
<td>1330 – 20 – 7</td>
<td>10 – &lt;30.0 %</td>
<td></td>
</tr>
<tr>
<td>Ethyl Benzene</td>
<td>100 – 41 – 4</td>
<td>1.0 – &lt;10.0 0%</td>
<td></td>
</tr>
<tr>
<td>Additives Mixture</td>
<td>0.1 – &lt;1.0 %</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**FIRST AID MEASURES**

**Inhalation**
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.

**Ingestion**
If swallowed, and only if the person is conscious, give water to drink. **DO NOT** induced vomiting; seek URGENT medical attention if frothing from the mouth occurs.

**Eyes**
If splashed into eyes, hold eyelids apart, and flush the eyes continuously with running water for at least 15 minutes. Continue flushing until advised by a doctor.

**Skin and Hair**
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.

**First Aid Facilities**
Clean Water Supply, soap or skin cleaner, barrier cream, emergency showers and eye wash stations.

**Advice to Doctor**
If poisoning occurs, consult with the Poisons Information Centre {Telephone 13 11 26}. 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**
- Carbon Dioxide (CO₂), 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.

**Hazardous Decomposition Products**
- On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide, soot and smoke, above the boiling point.

**Flammability Specific Hazards**
- Flammable Liquid. Flash Point = 25 °C

**Precautions in connection with Fire**
- 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.**
- 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/m³
- Butyl Acetate = 715 mg/m³
- Xylene= 350 mg/ m³
- Naphtha Hydrodesulphurized Heavy =100 mg/m³
- Ethyl Benzene = 435 mg/m³

**Biological Limited Values**
- There are no known Biological Limited Values have been assigned.
PERSONAL PROTECTION

Inhalation
AS – NZS 1715/16
The wearing of Organic Vapour Respirator should be worn at all times during the handling and spraying application period.

Eye
AS – NZS 1337
The wearing of safety glasses fitted with side shields should be worn at all times during the handling and spraying application period. Do not wear contact lenses.

Gloves
AS – NZS 2161
The wearing of Neoprene or PVC gloves should be worn at all times during the handling and spraying application period.

Footwear
AS – NZS 2210
The wearing of enclosed footwear should be worn at all times during the handling and spraying application period.

Clothing
AS – NZS 2919
The wearing of anti-static clothing made on natural or synthetic high temperature fibre should be worn at all times during the handling and spraying application period.

Hearing
AS – NZS 1270
When applied by conventional spray, the wearing of hearing equipment should be worn at all times.

Other Requirements
Avoid contact with eyes and skin. Avoid inhaling vapours.

PHYSICAL – CHEMICAL PROPERTIES

Appearance
A coloured liquid with a perfume odour.

pH
Not required.

Vapour Pressure
(Butyl Acetate = 1)
Less than 1

Boiling Point ºC
125 – 185 ºC

Density
0.86 {calculated value}

Solubility in water
Immiscible

Flash Point ºC
25 ºC (literature value)

Flammability
Lower Explosive Limit = 1.0

Upper Explosive Limit = 11.3

Auto Ignition ºC
370 ºC (literature value)

Volatile Organic Compounds VOC
77 % volume/volume

Volatile Components
Liquid hydrocarbons, glycol ether, aliphatic ester and alcohol

STABILITY and REACTIVITY

Chemical Stability
Stable under normal conditions of use.

Conditions to avoid
Avoid contact with heat and all ignition sources.

Hazardous decomposition products
On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide, soot and smoke.

Incompatible materials
Incompatible with strong oxidizing agents

Hazardous Reactions
Will not polymerize.
TOXICOLOGICAL INFORMATION

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Inhalation</th>
<th>Dermal</th>
<th>Oral</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>( \text{LC}_{50} ) ( \text{rat} )</td>
<td>( \text{LD}_{50} ) ( \text{rabbit} )</td>
<td>( \text{LD}_{50} ) ( \text{rat} )</td>
</tr>
<tr>
<td>Butyl Acetate</td>
<td>29 mgm/Litre</td>
<td>17600 mgm/kgm</td>
<td>14100 mgm/kgm</td>
</tr>
<tr>
<td>Naphtha Hydrodesulphurized Heavy</td>
<td>20 mgm/Litre</td>
<td>2000 mgm/kgm</td>
<td>2000 mgm/kgm</td>
</tr>
<tr>
<td>Ethyl Benzene</td>
<td>20 mgm/Litre</td>
<td>15500 mgm/kgm</td>
<td>3500 mgm/kgm</td>
</tr>
<tr>
<td>n Butyl Alcohol</td>
<td>20 mgm/Litre</td>
<td>3400 mgm/kgm</td>
<td>790 mgm/kgm</td>
</tr>
<tr>
<td>Xylene</td>
<td>20 mgm/Litre</td>
<td>4500 mgm/kgm</td>
<td>2840 mgm/kgm</td>
</tr>
</tbody>
</table>

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.

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

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

DISPOSAL CONSIDERATIONS

Collect all residues and place 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

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

REGULATORY INFORMATION

The product is classified as Hazardous Substance in accordance to SAFE WORK AUSTRALIA {HSIS} and Globally Harmonised System as Harmful and Irritant.  
Classified as a Schedule S 5 Poison.

OTHER INFORMATION

Emergency Contact: Poisons Information Centre 13 11 26  
HiChem Paint Technologies (03) 9796 3400

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