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).

GHS HAZARD STATEMENTS

- H 225 Category 2 Highly Flammable Liquid and Vapour
- H 303 Category 5 May be harmful if swallowed.
- H 313 Category 5 May be harmful in contact with the skin.
- H 316 Category 5 May cause skin irritation
- AUH 066 Repeated exposure may cause skin dryness or cracking.
- H 318 Category 2 Causes serious eye damage
- H 332 Category 4 Harmful if inhaled
- H 336 Category 3 Vapours may cause dizziness and drowsiness
- H 413 Category 4 May cause long lasting harmful effects to the aquatic environment.

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 271 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 304/305/338 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 362 Wash contaminated clothing and wash before re-use.
- P 381 Eliminate all ignition sources and turn off electricity.

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 II, HAZCHEM 3[Y]E
Product Usage.  

HICHEM 1K PRIMER is a chromate free corrosion protection primer that has outstanding adhesion properties. Specifically designed for repair panel shops use as 2 Pack compatible for new parts (over black OEM primer). May be used as a etch primer surface for the painting on various metal surfaces e.g. steel, galvanised iron and aluminium. May be overcoated with both air dry and 2 Pack Finishes.

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>CAS Number</th>
<th>Proportion w/w</th>
</tr>
</thead>
<tbody>
<tr>
<td>Iso Propyl Alcohol</td>
<td>67 – 63 – 0</td>
<td>30 – &lt;60.0 %</td>
</tr>
<tr>
<td>n Butyl Alcohol</td>
<td>71 – 36 – 3</td>
<td>10 – &lt;30.0 %</td>
</tr>
<tr>
<td>Propylene Glycol Mono Methyl Ether</td>
<td>107 – 98 – 2</td>
<td>10 – &lt;30.0 %</td>
</tr>
<tr>
<td>Proprietary Polymeric Synthetic Resins</td>
<td>Not Known</td>
<td>10 – &lt;30.0 %</td>
</tr>
<tr>
<td>Ortho Phosphoric Acid Mixture</td>
<td>Mix</td>
<td>0.1 – &lt;1.0 %</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 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 131126}. 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

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

Highly Flammable Liquid. Flash Point = 12 °C

Specific Hazards

Vapours may form explosive/air mixtures.

Precautions in connection with Fire

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

Highly 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

Iso Propyl Alcohol = 983 mg/m³
Phosphoric Acid = Not Known
Propylene Glycol Mono Methyl Ether =370 mg/m³
n Butyl Alcohol = 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 – Particulate Respirator must 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 must 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 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 mild odour.

**pH**
Not required.

**Vapour Pressure**
(Butyl Acetate = 1)
Greater than 1

**Boiling Point °C**
111 – 166 °C

**Density**
1.08 {calculated value}

**Solubility in water**
Miscible

**Flash Point °C**
12 °C (literature value)

**Flammability Limits**
Lower Explosive Limit = 1.2  
Upper Explosive Limit = 12.7

**Auto Ignition °C**
370 °C (literature value)

**Volatile Organic Compounds VOC**
82 % volume/volume

**Volatile Components**
Alcohols, Glycol Ether.

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>Iso Propyl Alcohol</td>
<td>20 mgm/Litre</td>
<td>12800 mgm/kgm</td>
<td>5050 mgm/kgm</td>
</tr>
<tr>
<td>n Butyl Alcohol</td>
<td>20 mgm/Litre</td>
<td>34000 mgm/kgm</td>
<td>790 mgm/kgm</td>
</tr>
<tr>
<td>Propylene Glycol Mono Ethyl Ether</td>
<td>20 mgm/Litre</td>
<td>11000 mgm/kgm</td>
<td>3500 mgm/kgm</td>
</tr>
</tbody>
</table>

**Acute Oral Toxicity**
Moderate 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 degrading 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 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

UN number 1263
Proper Shipping Name PAINT, – immiscible in water
Class 3 Subsidiary Risk Not Required
Packing Group II
HAZCHEM 3[Y]E
IMDG Not Known

REGULATORY INFORMATION

Regulatory Information and Hazard Category
SUSMP Classification
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

Disclaimer
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