Product Use: HICHEM Plastic Cleaner and Anti Static used as a cleaning agent on plastic surfaces prior to painting.

HAZARD IDENTIFICATION

The product is classified as Dangerous Goods and Hazardous Substance in accordance to SAFE WORK AUSTRALIA {HSIS} and GLOBALLY HARMONISED SYSTEM {GHS} criteria.

GHS requirements.
Classification of the substance or mixture
Flammable liquids – (Category 2)
Irritant – (Category 2)

DANGER

H 226 Flammable Liquid and Vapour
H 320 + H 315 An eye and skin irritant.

PRECAUTIONARY REQUIREMENTS

General Requirements
P 102 Keep out of reach of children.
P 103 Read label before use.

Prevention
P 210 Keep away from heat sources, electrical discharges (sparks), naked (open) flames and ignition sources. NO SMOKING
P 233 + P 234 Keep original containers tightly closed when not in use and stored in a well ventilated area away from heat, ignition sources and sunlight.
P 410 Avoid inhaling vapour. Ensure there is adequate ventilation at all times.
P 264 Wash all exposed skin and hair with warm water and soap after use.
P 270 When using, do not eat, drink or smoke.
P 273 Avoid release to the environment including waterways, sewage and drains.
P 274 The wearing of Personal Protective Equipment including protective clothing, organic vapour respirator, gloves, eye protection and enclosed footwear during the application period.
The following Risk and Safety Phrases have been allocated for this product in accordance with SAFE WORK AUSTRALIA requirements. The Australian Dangerous Goods Code included.

**Risk Phrases R**
10 Flammable Liquid.
67 Vapours may cause headaches, drowsiness and dizziness.

**Safety Phrases S**
2 Keep out of reach of children
7/9 Keep containers tightly closed when not in use.
15/16 Keep away from heat and sources of ignition.
20/21 When using, do not eat, drink or smoke.
23.3 Do not breathe the vapours.
25 Avoid contact with the eyes.
45 In case of accident, or if you feel unwell, seek medical advice immediately. Show the label where possible.

**ADG Classification**
Paint Related Material – UN 1263, Class 3, HAZCHEM 3|E|E Packing

**SUSMP**
Not Classified as a Schedule poison.

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

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>PLASTIC CLEANER AND ANTI STATIC</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Ingredients</th>
<th>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>60 – 100 %</td>
<td></td>
</tr>
<tr>
<td>Acetic Acid</td>
<td>64 – 19 – 7</td>
<td>1.0 – &lt;10.0 %</td>
<td></td>
</tr>
<tr>
<td>Water</td>
<td>7732 – 18 – 5</td>
<td>10 – &lt;30.0 %</td>
<td></td>
</tr>
</tbody>
</table>

**FIRST AID MEASURES**

**Inhalation**
If the applicator feels drowsy, dizzy, tired or experiencing headaches, remove oneself away from the contaminated area to the fresh air.

**Ingestion**
If swallow, 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 on hair or skin contact occurs, wash thoroughly with soap and plenty of water.

**First Aid Facilities**
Clean Water Supply and eye washing facilities, and barrier cream.

**Advice to Doctor**
If poisoning occurs, consult with the Poisons Information Centre {Telephone **13 11 26**}.
FIRE FIGHTING MEASURES

Extinguishing Media and Requirements
Carbon Dioxide \(\text{CO}_2\), 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 soot and smoke, above the boiling point.

Flammable Liquid. Flash Point = \(23\, ^\circ\text{C}\)

Vapours may form explosive/air mixtures.

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

Spills and Leaks Disposal
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.

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 and heat. Ensure there is adequate ventilation at all times. After use, before eating, drinking or smoking, wash the contaminated hair with soap and water.

Conditions of Safe Storage
Containers must be clearly labelled, rigid and strong. Store upright in a cool, dry, well ventilated area from heat, ignition sources and direct sunlight.

EXPOSURE CONTROLS

Exposure Standards MAK
Acetic Acid = 25 mg/m\(^3\).

Iso Propyl Alcohol = 500 mg/m\(^3\)

Exposure Standards STEL
Acetic Acid = 37 mg/m\(^3\)

Biological Limited Values
There are no known Biological Limited Values have been assigned.

Engineering Controls
Use in a well ventilated area away from heat sources.
PERSONAL PROTECTION

**Inhalation**
The wearing of an Organic Vapour Respirator should be worn during the application period.

**Eye**
The wearing of safety glasses fitted with side shields should be worn during the application period. Avoid the wearing of contact lenses.

**Gloves**
The wearing of Neoprene gloves should be worn during the application period.

**Footwear**
The wearing of enclosed footwear should be worn during the application period.

**Clothing**
Protective clothing should be worn during the application period.

**Hearing**
Not required.

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

PHYSICAL – CHEMICAL PROPERTIES

**Appearance**
A colourless liquid with an alcoholic odour.

**pH**
Not required.

**Vapour Pressure**
Greater than 1

**Boiling Point °C**
82 – 118 °C

**Density**
0.82 {calculated value}

**Solubility in water**
Miscible

**Flash Point °C**
23 °C (literature value)

**Flammability Limits**
Lower Explosive Limit = 2.0
Upper Explosive Limit = 12.7

**Auto Ignition °C**
425 °C (literature value)

**Volatile Organic Compounds VOC**
66 % weight/volume

**Volatile Components**
Iso Propyl 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 soot and smoke.

**Incompatible materials**
Incompatible with strong oxidizing agents, alkaline substances

**Hazardous Reactions**
Will not polymerize.
TOXICOLOGICAL INFORMATION

**Health Effects**

<table>
<thead>
<tr>
<th>Health Effects</th>
<th>Risk Phrase</th>
<th>Acetic Acid</th>
<th>Iso Propyl Alcohol</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>20</td>
<td>20 mgm/L.</td>
<td>20 mgm/L.</td>
</tr>
<tr>
<td>LC_{50} Rat</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dermal</td>
<td>21</td>
<td>1060 mgm/kg</td>
<td>12600 mgm/kg</td>
</tr>
<tr>
<td>LD_{50} rabbit</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oral</td>
<td>22</td>
<td>3310 mgm/kg</td>
<td>5050 mgm/kg</td>
</tr>
<tr>
<td>LD_{50} rat</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Acute Oral Toxicity** (continued)

- Low toxicity.
- Low 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.

**ECOLOGICAL INFORMATION**

- May be harmful to aquatic organisms, may cause long term adverse effects to the aquatic environment
- No data available.
- No data available
- Not Known

**DISPOSAL CONSIDERATIONS**

Wash away all residues with excess water. Do not incinerate empty containers after use. Dampen all unwanted cloths and rags in water prior to disposal. Do not recycle contents.
TRANSPORT INFORMATION

**UN number** 1263

**Proper Shipping Name** PAINT RELATED MATERIAL.

**Class** 3  
**Subsidiary Risk** Not Required

**Packing Group** II

**Emergency Procedures**  
**HAZCHEM** 3[YE]  
**IMDG** Not Known

REGULATORY INFORMATION

**Regulatory Information and Hazard Category**  
The product is classified as Hazardous Substance in accordance to SAFE WORK AUSTRALIA {HSIS} and Globally Harmonised System as an irritant.

**SUSMP Classification** Not Classified as a Schedule Poison.

OTHER INFORMATION

**Emergency Contact**  
Poisons Information Centre 13 11 26

**Disclaimer**  
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Version 2.0  
HICH 7561  
March 2013