HiChem Paint Technologies Pty.Ltd.
A.B.N. 95 064 139 653
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Telephone : (03) 9796 3400 Facsimile : (03) 9796 4500
Email: msdsinfo@hichem.com.au www.hichem.com.au
If poisoning occurs, consult with the Poisons Information Centre (Telephone 13 11 26).

Emergency Telephone Number (Police, Fire or Ambulance) : 000

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 HAZARDOUS STATEMENTS

<table>
<thead>
<tr>
<th>Statement Type</th>
<th>Statement ‘P’</th>
<th>Precautionary Statement Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>P 101</td>
<td>Seek medical advice if required</td>
</tr>
<tr>
<td>Precautionary</td>
<td>P 102/3</td>
<td>Keep out of reach of children. Carefully read and understand this document during application and handling period.</td>
</tr>
<tr>
<td>Prevention</td>
<td>P 233/34/35</td>
<td>Keep in original container and tightly closed in a cool dry place with plenty of ventilation when not in use.</td>
</tr>
<tr>
<td></td>
<td>P 241</td>
<td>Ensure all equipment and lighting is explosion proof during application and handling period.</td>
</tr>
<tr>
<td></td>
<td>P 261/80</td>
<td>Avoid breathing vapours during the application and handling period. Wear the recommended protective equipment at all times. Wear protective clothing, eye and skin protection, safety footwear and organic vapour – particulate respirator, at all times. Do not enter into confined areas and ensure there is adequate ventilation.</td>
</tr>
<tr>
<td></td>
<td>H 264</td>
<td>Wash all exposed skin and hair after application and handling period with soap and warm water.</td>
</tr>
<tr>
<td></td>
<td>P 270</td>
<td>Do not smoke, eat or drink during application and handling period.</td>
</tr>
<tr>
<td></td>
<td>P 273</td>
<td>Avoid release to the environment includes drains, sewage and waterways, and atmosphere.</td>
</tr>
<tr>
<td>Response</td>
<td>P 301/10</td>
<td>If swallowed, rinse the mouth water immediately. Contact the Poisons Information Centre (Telephone 13 11 26) urgently.</td>
</tr>
</tbody>
</table>
P 303/13/62 If on skin or hair, wash all exposed area with plenty of warm water and soap. Seek medical advice if any irritation occurs. Remove all contaminated clothing immediately.

P 304/13 If inhaled, removed oneself to fresh air from the contaminated area and keep warm in a comfortable position. Seek medical advice if any symptoms immediately

P 305/13 If in eyes, immediately flush with plenty of water. Remove contact lenses if safe to do so if worn. Contact urgent medical advice immediately if any irritation or blurring occurs.

P 306/62/63 If splashed onto clothing, removed all contaminated clothing and wash with plenty of water immediately before reuse

P 370/72/75 If case of fire, use dry sand or earth, or alcohol resistant foam. Containers may explode on heating. If safe to do so, remove all electrical equipment in the direction of fire. Ensure all power supplies are switch off.

P 380/81 Consider evacuating the area if the fire presents a threat. Eliminate all ignition sources if safe to do so.

P 390/91 Collect and absorb all spillages onto dry sand or earth and placed into clean, dry and labelled containers prior to disposal.

Storage P 402/03 Store in a cool, well dry and ventilated place in a Flammable Goods Store and away from protect from direct sunlight.

Disposal P 501 Dispose carefully unused contents and container(s) to an approved waste disposal site. Further information may be obtained by contacting the Local Statutory Authorities. Ensure all container(s) are labelled as PAINT, immiscible in water, U.N 1263 CLASS 3, HAZCHEM 3[¥] E, Packing Group II.

Product Usage. Applied by either by conventional or airless spray onto interior timber surfaces as a catalysed clear sanding sealer that has been formulated for superior filling and excellent sanding properties. 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>HIGARD CLEAR LACQUER – GLOSS RANGE</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Product Name</td>
<td>CAS Number</td>
<td>Proportion w/w</td>
</tr>
<tr>
<td>n Butyl Alcohol</td>
<td>71 – 36 – 3</td>
<td>2.0 – 5.0 %</td>
</tr>
<tr>
<td>n Butyl Acetate</td>
<td>123 – 86 – 4</td>
<td>11.0 – 15.0 %</td>
</tr>
<tr>
<td>Methyl Ethyl Ketone</td>
<td>78 – 93 – 3</td>
<td>18.0 – 22.0 %</td>
</tr>
<tr>
<td>Toluene</td>
<td>108 – 88 – 3</td>
<td>11.0 – 15.0 %</td>
</tr>
<tr>
<td>Xylene</td>
<td>1330 – 20 – 7</td>
<td>10.0 – 14.0 %</td>
</tr>
<tr>
<td>Solvent Naphtha Petroleum Light Aliphatic</td>
<td>64742 – 89 – 8</td>
<td>2.0 – 5.0 %</td>
</tr>
<tr>
<td>Ethyl Benzene</td>
<td>100 – 41 – 4</td>
<td>2.0 – 5.0 %</td>
</tr>
<tr>
<td>Polymeric Synthetic Resins</td>
<td>Proprietary</td>
<td>7.0 – 10.0 %</td>
</tr>
<tr>
<td>Nitrocellulose Resin</td>
<td>9004 – 70 – 0</td>
<td>4.0 – 7.0 %</td>
</tr>
<tr>
<td>Di Octyl Phthalate</td>
<td>117 – 81 – 7</td>
<td>1.0 – 4.0 %</td>
</tr>
<tr>
<td>Encapsulated Magnesium Silicate in Resin</td>
<td>14807 – 96 – 6</td>
<td>5.0 – 8.0 %</td>
</tr>
</tbody>
</table>
FIRST AID MEASURES

**Inhalation**
If the operator 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 operator 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 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 \(\text{CO}_2\), 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 toxic gases including carbon monoxide, soot and smoke, nitrogen oxides, above the boiling point.

**Flammability**
Highly Flammable Liquid. Flash Point = - 4 °Celsius.

**Specific Hazards**
Vapours may form explosive/air mixtures.

**Precautions in connection with Fire**
Fire – fighters must 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

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

Encapsulated Magnesium Silicate in Resin = Not Known
Toluene = 190 milligram/cubic metre
Butyl Alcohol = 152 milligram/cubic metre
Methyl Ethyl Ketone = 600 milligram/cubic metre
Ethyl Benzene = 435 milligram/cubic metre
Xylene = 350 milligram/cubic metre
Solvent Naphtha Petroleum Light Aliphatic = 100 milligram/cubic metre
Ethyl Alcohol = 960 milligram/cubic metre
Di Octyl Phthalate = > 1000 milligram/cubic metre

PERSONAL PROTECTION

Inhalation

AS –NZS 1715/16

The wearing of Organic Vapour – Particulate Respirator must be worn at all times during the application and handling period.

Eye

AS –NZS 1337

The wearing of safety glasses fitted with side shields should be worn at all times during the application and handling 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 application and handling period.

Footwear

AS –NZS 2210

The wearing of enclosed footwear should be worn at all times during the application and handling 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 application and handling period.

Hearing

AS –NZS 1270

When applying by conventional spray, hearing protection must be worn during the application period.

Other Requirements

Wear safety footwear at all times. Avoid contact with eyes and skin at all times. Avoid inhaling vapours and spray mists.
PHYSICAL – CHEMICAL PROPERTIES

Appearance A colourless liquid with a strong odour.

pH Not required.

Vapour Pressure Greater than 1

Butyl Acetate = 1

69 78 – 220 °C

Density 0.99 {calculated value}

Solubility in water Immiscible

Flash Point °C - 4 °C (literature value)

Flammability Lower Explosive Limit = 1.0

Upper Explosive Limit = 15.0

Auto Ignition °C 340 °C (literature value)

Volatile Organic Compounds VOC 88 % volume/volume

Volatile Components Ketone, Alcohols, Aliphatic Esters and Liquid Aromatic Hydrocarbons.

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 nitrogen oxides, 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 LC_{50} (rat)</th>
<th>Dermal LD_{50} (rabbit)</th>
<th>Oral LD_{50} (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Toluene</td>
<td>28.8 mgm/Litre</td>
<td>12200 mgm/kgm</td>
<td>5580 mgm/kgm</td>
</tr>
<tr>
<td>Di Octyl Phthalate</td>
<td>&gt; 30 mgm/Litre</td>
<td>25000 mgm/kgm</td>
<td>30000 mgm/kgm</td>
</tr>
<tr>
<td>Xylene</td>
<td>20 mgm/Litre</td>
<td>4500 mgm/kgm</td>
<td>2840 mgm/kgm</td>
</tr>
<tr>
<td>Ethyl Alcohol</td>
<td>20 mgm/Litre</td>
<td>20000 mgm/kgm</td>
<td>6200 mgm/kgm</td>
</tr>
<tr>
<td>Ethyl Benzene</td>
<td>20 mgm/Litre</td>
<td>15000 mgm/kgm</td>
<td>3500 mgm/kgm</td>
</tr>
<tr>
<td>Butyl Alcohol</td>
<td>20 mgm/Litre</td>
<td>3400 mgm/kgm</td>
<td>790 mgm/kgm</td>
</tr>
<tr>
<td>Solvent Naphtha Petroleum Light</td>
<td>20 mgm/Litre</td>
<td>2000 mgm/kgm</td>
<td>2000 mgm/kgm</td>
</tr>
</tbody>
</table>

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.

Acute Dermal Toxicity Low toxicity.

Acute Oral Toxicity Low toxicity. Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis which may be fatal.
TOXICOLOGICAL INFORMATION (CONTINUED)

Health Effects – Toxicological and Other Health Information

Inhalation  No data available
Ingestion   No data available.
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 May damage fertility or the unborn child.
Toxicity

ECOLOGICAL INFORMATION

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

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
Packing Group II
Emergency EP 3300
Initial Emergency Response Guide 14
HAZCHEM
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.

SUSMP Classification

Classified as a Schedule S 5 Poison.

OTHER INFORMATION

Emergency Contact

Poisons Information Centre 13 11 26

Helpdesk/Technical Support 03 9796 3400

Disclaimer

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