HiChem Paint Technologies Pty.Ltd.
A.B.N.  95 064 139 653
73 Hallam South Road, HALLAM, VICTORIA 3803.
Telephone : {03} 9796 3400    Facsimile : {03} 9796 4500
Emergency Telephone Number (Police, Fire or Ambulance) : 000
Email: msdsinfo@hichem.com.au    www.hichem.com.au

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 204   Category 1   Fire or explosion hazard
H 222   Category 3   Extremely flammable aerosol
H 229   Category 1   Pressurised container may burst if heated.
H 302   Category 5   Harmful if swallowed
H 312   Category 5   Harmful in contact with the skin
H 315   Category 2   Causes skin irritation
AUH  066   Repeated exposure may cause skin dryness or cracking
H 320   Category 2B  Causes eye irritation
H 335   Category 3   May cause respiratory irritation.
H 336   Category 3   Vapours may cause dizziness and drowsiness
H 351   Category 2   Suspected of causing cancer
H 373   Category 2   May cause damage to organs.
H 413   Category 4   May cause long term harmful effects in the aquatic environment.

GHS PRECAUTIONARY STATEMENTS

<table>
<thead>
<tr>
<th>Statement Type</th>
<th>Statement ‘P’</th>
<th>Precautionary Statement Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>Precautionary Statements</td>
<td>P 101</td>
<td>Seek medical advice if required</td>
</tr>
<tr>
<td>Prevention</td>
<td>P 103</td>
<td>Carefully read and understand this document prior to application.</td>
</tr>
<tr>
<td></td>
<td>P 211</td>
<td>Do not apply on hot surfaces. No Smoking</td>
</tr>
<tr>
<td></td>
<td>P 233/34/35</td>
<td>Keep in original container and tightly closed in a cool dry place when not in use.</td>
</tr>
<tr>
<td></td>
<td>P 241</td>
<td>Ensure all equipment and lighting is explosion proof during the application period.</td>
</tr>
<tr>
<td></td>
<td>P 251</td>
<td>Pressurized container. Do not pierce or burn ,even after use.</td>
</tr>
<tr>
<td></td>
<td>P 261/80</td>
<td>Avoid breathing vapours and spray mists during the application period. Wear the recommended protective equipment at all times,</td>
</tr>
<tr>
<td></td>
<td>H 264</td>
<td>Wash all exposed skin and hair after the application period with soap and warm water.</td>
</tr>
<tr>
<td></td>
<td>P 270</td>
<td>Do not smoke, eat or drink during the application period.</td>
</tr>
<tr>
<td></td>
<td>P 271</td>
<td>Use in a well ventilated area away from all electrical or sparking equipment</td>
</tr>
<tr>
<td></td>
<td>P 273</td>
<td>Avoid release to the environment including drains, sewage and waterways, and atmosphere.</td>
</tr>
<tr>
<td></td>
<td>P 280</td>
<td>The wearing of protective clothes with gloves, vapour mask, face and eye protection during the application period.</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>
<tr>
<td></td>
<td>P 303/13/62</td>
<td>If on skin or hair, wash all exposed area with plenty of warm water and soap. Seek medical advice if any irritation occurs. Remove contaminated clothing immediately.</td>
</tr>
</tbody>
</table>
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 obtain by contacting the Local Statutory Authorities. Ensure all package(s) are labelled as AEROSOL, FLAMMABLE, CLASS 9, UN1950.

Product Usage. **HICHEM HAMMERCOAT AEROSOL COLOURS** are quick drying resin based coating with a hammered metal surface pattern which is ideal for camouflaging surface imperfections with a highly decorative effect. 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>HAMMERCOAT FINISH – COLOUR RANGE Name</th>
<th>Code</th>
<th>CAS Number</th>
<th>Proportion w/w</th>
</tr>
</thead>
<tbody>
<tr>
<td>Coloured Pigments</td>
<td>Mixture</td>
<td>HF 400</td>
<td>1.0 – &lt;10.0 %</td>
<td></td>
</tr>
<tr>
<td>Polymeric Synthetic Resins</td>
<td>Proprietary</td>
<td></td>
<td>10 – &lt;30.0 %</td>
<td></td>
</tr>
<tr>
<td>Toluene</td>
<td></td>
<td>108 – 88 – 3</td>
<td>1.0 – &lt;10.0 %</td>
<td></td>
</tr>
<tr>
<td>Di Methyl Ether</td>
<td></td>
<td>115 – 10 – 6</td>
<td>30 – &lt;40.0 %</td>
<td></td>
</tr>
<tr>
<td>Hexane</td>
<td></td>
<td>108 – 65 – 6</td>
<td>1.0 – &lt;10.0 %</td>
<td></td>
</tr>
<tr>
<td>Xylene</td>
<td></td>
<td>110 – 54 – 3</td>
<td>10 – &lt;30.0 %</td>
<td></td>
</tr>
<tr>
<td>Solvent Naphtha (Petroleum) Light Aromatic</td>
<td></td>
<td>64742 – 95 – 6</td>
<td>1.0 – &lt;10.0 %</td>
<td></td>
</tr>
<tr>
<td>Ethyl Benzene</td>
<td></td>
<td>100 – 41 – 4</td>
<td>1.0 – &lt;10.0 %</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 rinse mouth. **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 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**
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 Gas. Flash Point = \(< -22\,^\circ\text{C}\)

**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. Aerosol packages may rocketed in a fire or if punctured. 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 Gas. 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.

**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 e.g. Flammable Goods Store as per AS 1940 requirements.

EXPOSURE CONTROLS

**Time Weighted Values for 8 hours**

**Exposure Standards MAK**
- Xylene = 350 mg/m³
- Ethyl Benzene = 435 mg/m³
- Solvent Naphtha (Petroleum) Light Aromatic = 100 mg/m³
- Di Methyl Ether = 760 mg/m³
- Hexane = 72 mg/m³
- Toluene = 190 mg/m³

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

**Engineering Controls**
The use of local exhaust ventilation equipment is required. All ventilation equipment must be fitted with flame and explosion proof electrical fittings.
PERSONAL PROTECTION

Inhalation
The wearing of Organic Vapour – Particulate Respirator should be worn at all times during the application period.

AS – NZS 1715/16

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

AS – NZS 1337

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

AS – NZS 2161

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

AS – NZS 2210

Clothing
The wearing of anti–static clothing made on natural or synthetic high temperature fibre should be worn at all times during the application period

AS – NZS 2919

Hearing
Not required

AS – NZS 1270

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

Requirements

PHYSICAL – CHEMICAL PROPERTIES

Appearance
A coloured liquid with an indistinguishable odour.

pH
Not required.

Vapour Pressure
(Butyl Acetate = 1)
Greater than 1

Boiling Point °C
<-25 to 150 ⁰ C

Density
0.81 {calculated value}

Solubility in water
Immiscible

Flash Point °C
<-22 ⁰ C (literature value)

Flammability Limits
Lower Explosive Limit = 1.0
Upper Explosive Limit 9.6

Auto Ignition °C
240 ⁰ C (literature value)

90
82 % volume/volume (calculated value)

Volatile Components
Di Methyl Ether and Liquid 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 will 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 $LD_{50}$ (rat)</th>
<th>Dermal $LD_{50}$ (rabbit)</th>
<th>Oral $LD_{50}$ (rat)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Di Methyl Ether</td>
<td>20 mgm/Litre</td>
<td>2000 mgm/kgm</td>
<td>28700 mgm/kgm</td>
</tr>
<tr>
<td>Toluene</td>
<td>28.8 mgm/Litre</td>
<td>12200 mgm/kgm</td>
<td>5580 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 Benzene</td>
<td>20 mgm/Litre</td>
<td>15500 mgm/kgm</td>
<td>3500 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>
<tr>
<td>Aromatic</td>
<td></td>
<td></td>
<td></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.

## TOXICOLOGICAL INFORMATION (CONTINUED)

### Health Effects

**Inhalation**  
The inhalation of vapours may cause damage to organs on prolonged or repeated exposure – central nervous 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 cause damage to organs through repeated or prolonged exposure.

**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**  
Not Known

## ECOLOGICAL INFORMATION

**Environment**  
May cause long lasting harmful effects in the aquatic environment.

**Persistence/Degradaability**  
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: 1950
Proper Shipping Name: AEROSOL, capacity less than 1 litre
Class: 9
Packing Group: I
Emergency Procedures: EP 3900
HAZCHEM: 2 Y
IMDG: Not Known

REGULATORY INFORMATION

The product is classified as Hazardous Substance in accordance to SAFE WORK AUSTRALIA {HSIS} and GLOBALLY HARMONISED SYSTEM {GHS} as Harmful and Irritant.
SUSMP Classification: 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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Version 1.0
HICH 7639
October 2014