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
Email: mdsinfo@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 Code</th>
<th>Hazard Statement</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>H 226</td>
<td>Category 2 Flammable Liquid – Flash Point 32° Celsius</td>
<td>Boiling Point – 145° Celsius</td>
</tr>
<tr>
<td>H 241</td>
<td>Category 1.5 Heating</td>
<td>May cause fire or explosion.</td>
</tr>
<tr>
<td>H 302, 312, 332</td>
<td>Category 4 Harmful if swallowed, contact with skin and if inhaled</td>
<td></td>
</tr>
<tr>
<td>H 315, 320, 335</td>
<td>Category 4 Causes skin irritation, eyes and respiratory tract</td>
<td></td>
</tr>
<tr>
<td>AUH 066</td>
<td></td>
<td>Repeated exposure may cause skin dryness or cracking.</td>
</tr>
<tr>
<td>H 336</td>
<td>Category 3 May cause dizziness or drowsiness</td>
<td></td>
</tr>
<tr>
<td>H 360</td>
<td>Category 3 May damage fertility or the unborn child</td>
<td></td>
</tr>
<tr>
<td>H 373</td>
<td>Category 1 May cause damage to organs.</td>
<td></td>
</tr>
<tr>
<td>H 413</td>
<td>Category 4 May cause long lasting harmful effects in the aquatic environment.</td>
<td></td>
</tr>
</tbody>
</table>

GHS PRECAUTIONARY STATEMENTS

<table>
<thead>
<tr>
<th>Statement Type</th>
<th>Precautionary Statement Code</th>
<th>Precautionary Statement Text</th>
</tr>
</thead>
<tbody>
<tr>
<td>General</td>
<td>P 101, 102, 103</td>
<td>Seek medical advice if required. 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, 234, 235</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, 280</td>
<td>Avoid breathing vapours during the application and handling period. Wear protective clothing, hair, 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>P 270</td>
<td>Do not smoke, eat or drink during application and handling period.</td>
</tr>
<tr>
<td></td>
<td>P 271</td>
<td>Ensure there is adequate ventilation at all times away from sunlight during the application and handling period.</td>
</tr>
<tr>
<td></td>
<td>P 272</td>
<td>Ensure all protective clothing laundered before reuse.</td>
</tr>
</tbody>
</table>
P 273
Avoid release to the environment includes drains, sewage, waterways and atmosphere.

Response
P 301, 310
If swallowed, rinse the mouth water immediately. Contact the Poisons Information Centre (Telephone 131126) urgently.

P 302, 303, 313, 362
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, 313
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, 313
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, 362, 363
If splashed onto clothing, removed all contaminated clothing and wash with plenty of water immediately before reuse.

P 370, P 372, P 375
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. Consider evacuate the area if the fire is potential risk.

P 381
Eliminate all ignition sources if safe to do so away from the direction of fire.

P 390, P 391
Collect and absorb all spillages onto dry sand or earth and placed into clean, dry and labelled containers prior to disposal.

Storage
P 402, P 403
Store in a cool, well dry and ventilated place in a Flammable Goods Store and away from protect from direct sunlight. Ensure the Hardener is away from its Polyester Base to prevent a fire.

P 404, P 405
Ensure the container(s) are tightly closed and kept in a secured, locked cabinet. The outside of the cabinet must be carefully locked and clearly labelled at all times.

Disposal
P 501
Do not recycle the remaining contents. When disposing both emptied container(s) and residues it is important to display the Flammable Diamond on the container(s) prior disposing at approved disposal site.

Product Usage.
HICHEM 2 PACK BUILDERS REPAIR FILLER KIT is a polyester based, 2 pack repair filler designed for filling holes, cracks, dents and gaps. 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>HICHEM BUILDERS REPAIR FILLER – KIT</th>
<th>Code</th>
<th>BRF</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>COMPONENT A</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Styrene</td>
<td>100 – 42 – 5</td>
<td>11.0 – 14.0 %</td>
<td></td>
</tr>
<tr>
<td>Polyester Resin</td>
<td>Proprietary</td>
<td>16.0 – 19.0 %</td>
<td></td>
</tr>
<tr>
<td>Encapsulated Barium Sulphate</td>
<td>7727 – 43 – 7</td>
<td>34.0 – 38.0 %</td>
<td></td>
</tr>
<tr>
<td>Encapsulated Calcium Carbonate</td>
<td>471 – 34 – 1</td>
<td>27.0 – 31.0 %</td>
<td></td>
</tr>
<tr>
<td>Glass Beads</td>
<td>65997 – 17 – 3</td>
<td>3.0 – 5.0 %</td>
<td></td>
</tr>
<tr>
<td><strong>COMPONENT B</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Benzoyl Peroxide</td>
<td>94 – 36 – 0</td>
<td>0.50 – 2.0 %</td>
<td></td>
</tr>
<tr>
<td>Di Methyl Phthalate</td>
<td>131 – 11 – 3</td>
<td>0.50 – 2.0 %</td>
<td></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, above the boiling point

Flammability Specific Hazards
Flammable Liquid. Flash Point = 32 °Celsius

Precautions in connection with Fire
Vapours may form explosive/air mixtures. Fire – fighters must wear Chemical Splash Suit with attached 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 Paste 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

<table>
<thead>
<tr>
<th>Exposure Standards MAK</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Encapsulated Barium Sulphate in Resin = Not Known</td>
<td></td>
</tr>
<tr>
<td>Encapsulated Calcium Carbonate in Resin = Not Known</td>
<td></td>
</tr>
<tr>
<td>Encapsulated Glass Beads in Resin = Not Known</td>
<td></td>
</tr>
<tr>
<td>Styrene = 213 milligram/cubic metre</td>
<td></td>
</tr>
<tr>
<td>Benzoyl Peroxide = Not Defined</td>
<td></td>
</tr>
<tr>
<td>Di Methyl Phthalate = 20 milligram/cubic metre</td>
<td></td>
</tr>
</tbody>
</table>
PERSONAL PROTECTION

Inhalation

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

Eye

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

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

Footwear

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

Clothing

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

Not required

Other

Wear safety footwear at all times. Avoid contact with eyes and skin at all times. Avoid inhaling vapours.

PHYSICAL – CHEMICAL PROPERTIES

Appearance

A colourless liquid with a strong odour.

pH

Not required.

Vapour Pressure

(Butyl Acetate = 1)

Less than 1

Boiling Point °C

145 – 175 °C

Density

1.92 {calculated value}

Solubility in water

Immiscible

Flash Point °C

32 °C (literature value)

Flammability Limits

Lower Explosive Limit = 1.1

Upper Explosive Limit = 8.9

Auto Ignition °C

Not Known

Volatile Organic Compounds VOC

0.0 % volume/volume

Volatile Components

No known volatile substances.

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

Not Known

Hazardous Reactions

Avoid contact with alcohols and metals
**TOXICOLOGICAL INFORMATION**

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Inhalation</th>
<th>Dermal</th>
<th>Oral</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>LC₅₀ (rat)</td>
<td>LD₅₀ (rabbit)</td>
<td>LD₅₀ (rat)</td>
</tr>
<tr>
<td>Styrene</td>
<td>20 mgm/Litre</td>
<td>12000 mgm/kgm</td>
<td>2000 mgm/kgm</td>
</tr>
<tr>
<td>Di Methyl Phthalate</td>
<td>20 mgm/Litre</td>
<td>2000 mgm/kgm</td>
<td>2000 mgm/kgm</td>
</tr>
<tr>
<td>Benzoyl Peroxide</td>
<td>No data available</td>
<td>No data available</td>
<td>2000 mgm/kgm</td>
</tr>
</tbody>
</table>

**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 Toxicity**: May cause congenital malfunction in the foetus.

**ECOLOGICAL INFORMATION**

- **Environment**: May cause long lasting harmful effects in 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**: 3269
- **Proper Shipping Name**: POLYESTER RESIN KIT – immiscible in water
- **Class**: 3
- **Packing Group**: III
- **Emergency Procedures**: EP 3305
- **HAZCHEM**: 3[Y]
- **IMDG**: Not Known
- **Subsidiary Risk**: Not Required
- **Initial Emergency Response Guide**: 15
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
HiChem Paint Technologies
(03) 9796 3400

Disclaimer
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