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 312 Category 4 Harmful in contact with the skin.
H 315 Category 4 Causes skin irritation
AUH 066 Repeated exposure may cause skin dryness or cracking.
H 320 Category 4 Causes eye irritation
H 332 Category 4 Harmful if inhaled
H 336 Category 3 Vapours may cause dizziness and drowsiness
H 371 Category 2 May cause damage to organs.
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.
Prevention
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
P 273 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 If inhaled, remove oneself to fresh air and keep warm. Rest in a comfortable position away from the contaminated area. Seek urgent medical advice urgently.
P 305 If in eyes, rinse with plenty of water and removed contact lens if worn immediately. Seek urgent medical advice if burning occurs.
P 338
Disposal
P 362 Wash contaminated clothing and wash before re-use.
P 381 Eliminate all ignition sources and turn off electricity.
P 403 Store in a well ventilated area away from moisture
P 501 Dispose carefully unused contents and container(s) to an approved waste disposal plant. Classified as HIGHLY FLAMMABLE LIQUID, Class 3, HAZCHEM 3[YE].
April 2014

Safety Data Sheet
EPOXY COAT BASE – CLEAR

Product Usage. When mixed with its Hardener is applied by brush, roller or spray used for coating on recommended surfaces.

IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION

<table>
<thead>
<tr>
<th>Product Name</th>
<th>Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 PACK EPOXY COAT BASE</td>
<td>2PEPK</td>
</tr>
</tbody>
</table>

Ingredients

<table>
<thead>
<tr>
<th>Name</th>
<th>CAS Number</th>
<th>Proportion w/w</th>
</tr>
</thead>
<tbody>
<tr>
<td>Methyl Iso Butyl Ketone</td>
<td>108 – 10 – 1</td>
<td>10.0 – &lt;30.0 %</td>
</tr>
<tr>
<td>Xylene</td>
<td>1330 – 20 – 7</td>
<td>30.0 – &lt;60.0 %</td>
</tr>
<tr>
<td>Ethyl Benzene</td>
<td>100 – 41 – 4</td>
<td>1.0 – &lt;10.0 %</td>
</tr>
<tr>
<td>Epichlorohydrid – Bisphenol A Polymer</td>
<td>Not Known</td>
<td>30.0 – &lt;60.0 %</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 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 (CO₂), 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

Highly Flammable Liquid. Flash Point = 15 °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 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.

Spills and Leaks
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.

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

Exposure Standards MAK
Methyl Iso Butyl Ketone = 83 mg/m³
Xylene = 350 mg/m³
Ethyl Benzene = 435 mg/m³

Exposure Standards STEL
Xylene = 655 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. Do not fill containers in a confined space.
PERSONAL PROTECTION

**Inhalation**
The wearing of Organic Vapour Respirator **must** be worn at all times during the handling and spraying application period.

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

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

**Clothing**
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**
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

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Appearance</strong></td>
<td>A colourless liquid with a mild odour.</td>
</tr>
<tr>
<td><strong>pH</strong></td>
<td>Not required.</td>
</tr>
<tr>
<td><strong>Vapour Pressure</strong></td>
<td>Less than 1</td>
</tr>
<tr>
<td>(Butyl Acetate = 1)</td>
<td></td>
</tr>
<tr>
<td><strong>Boiling Point °C</strong></td>
<td>117 – 140 °C</td>
</tr>
<tr>
<td><strong>Density</strong></td>
<td>0.96{calculated value}</td>
</tr>
<tr>
<td><strong>Solubility in water</strong></td>
<td>Immiscible</td>
</tr>
<tr>
<td><strong>Flash Point °C</strong></td>
<td>15 °C (literature value)</td>
</tr>
<tr>
<td><strong>Flammability Limits</strong></td>
<td>Lower Explosive Limit = 1.2</td>
</tr>
<tr>
<td><strong>Auto Ignition °C</strong></td>
<td>400 °C (literature value)</td>
</tr>
<tr>
<td><strong>Volatile Organic Compounds VOC</strong></td>
<td>58 % weight/volume</td>
</tr>
<tr>
<td><strong>Volatile Components</strong></td>
<td>Liquid Hydrocarbons.</td>
</tr>
</tbody>
</table>

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></td>
<td>LC&lt;sub&gt;50&lt;/sub&gt; (rat)</td>
<td>LD&lt;sub&gt;50&lt;/sub&gt; (rabbit)</td>
<td>LD&lt;sub&gt;50&lt;/sub&gt; (rat)</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>Methyl Iso Butyl Ketone</td>
<td>20 mgm/Litre</td>
<td>16000 mgm/kgm</td>
<td>2080 mgm/kgm</td>
</tr>
<tr>
<td>Xylene</td>
<td>20 mgm/Litre</td>
<td>4500 mgm/kgm</td>
<td>2840 mgm/kgm</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 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 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 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

**Emergency Procedures** EP 3300

**Initial Emergency Response Guide** 14

**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 Harmful and Irritant.

**SUSMPC 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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