

## HiChem Paint Technologies Pty.Ltd.

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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).



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

### GHS PRECAUTIONARY STATEMENTS

<b>Statement Type</b>	<b>Precautionary Statement Code</b>	<b>Precautionary Statement Text</b>
General Precautionary	P 101, 102, 103	Seek medical advice if required. Keep out of reach of children. Carefully read and understand this document during application and handling period.
Prevention	P 233, 234, 235	Keep in original container and tightly closed in a cool dry place with plenty of ventilation when not in use.
	P 241	Ensure all equipment and lighting is explosion proof during application and handling period.
	P 261, 280	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
	P 270	Do not smoke, eat or drink during application and handling period
	P 271	Ensure there is adequate ventilation at all times away from sunlight during the application and handling period.
	P 272	Ensure all protective clothing laundered before reuse.

	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 <b>13 11 26</b> ) 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**

<i>Product Name</i>	<b>HICHEM BUILDERS REPAIR FILLER – KIT</b>	<i>Code</i>	<b>BRF</b>
<i>Name</i>		<i>CAS Number</i>	<i>Proportion w/w</i>
<b>COMPONENT A</b>			
Styrene		100 – 42 – 5	11.0 – 14.0 %
Polyester Resin		Proprietary	16.0 – 19.0 %
Encapsulated Barium Sulphate		7727 – 43 – 7	34.0 – 38.0 %
Encapsulated Calcium Carbonate		471 – 34 – 1	27.0 – 31.0 %
Glass Beads		65997 – 17 – 3	3.0 – 5.0 %
<b>COMPONENT B</b>			
Benzoyl Peroxide		94 – 36 – 0	0.50 – 2.0 %
Di Methyl Phthalate		131 – 11 – 3	0.50 – 2.0 %

**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 swallow, 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**  
**Hazardous Decomposition Products**  
**Flammability**  
**Specific Hazards**  
**Precautions in connection with Fire**

Carbon Dioxide {CO<sub>2</sub>}, 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. On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide, soot and smoke, above the boiling point  
Flammable Liquid. Flash Point = 32 ° Celsius  
Vapours may form explosive/air mixtures.  
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**

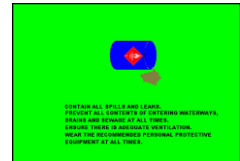
Contain all spills and leaks. Avoid contamination with spilt material on surfaces or entering waterways, drains and sewage. Remove all sources of ignition and **NO SMOKING**. Wear the recommended full body impervious clothing, gloves and breathing apparatus as per AS– NZ 1715/16. Keep upwind. Absorb 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**

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.

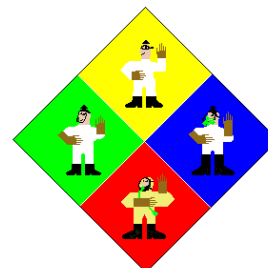
### EXPOSURE CONTROLS for 8 hours

**Exposure Standards**  
**MAK**

Encapsulated Barium Sulphate in Resin = Not Known  
Encapsulated Calcium Carbonate in Resin = Not Known  
Encapsulated Glass Beads in Resin = Not Known  
Styrene = 213 milligram/cubic metre  
Benzoyl Peroxide = Not Defined  
Di Methyl Phthalate = 20 milligram/cubic metre

**PERSONAL PROTECTION**

<b>Inhalation</b> AS –NZS 1715/16	The wearing of Organic Vapour – Particulate Respirator <b>should</b> be worn at all times during the application and handling period.
<b>Eye</b> AS –NZS 1337	The wearing of safety glasses fitted with side shields <b>should</b> be worn at all times during the application and handling period. Do not wear contact lenses.
<b>Gloves</b> AS –NZS 2161	The wearing of Neoprene or PVC gloves <b>should be</b> worn at all times during the application and handling period.
<b>Footwear</b> AS –NZS 2210	The wearing of enclosed footwear <b>should</b> be worn at all times during the application and handling period.
<b>Clothing</b> AS –NZS 2919	The wearing of anti–static clothing made on natural or synthetic high temperature fibre <b>should</b> be worn at all times during the application and handling period.
<b>Hearing</b> AS –NZS 1270	Not required
<b>Other Requirements</b>	Wear safety footwear at all times. Avoid contact with eyes and skin at all times. Avoid inhaling vapours.

**PHYSICAL – CHEMICAL PROPERTIES**

<b>Appearance</b>	A colourless liquid with a strong odour.	
<b>pH</b>	Not required.	
<b>Vapour Pressure</b> (Butyl Acetate = 1)	Less than 1	
<b>Boiling Point °C</b>	145 – 175 ° C	
<b>Density</b>	1.92 {calculated value}	
<b>Solubility in water</b>	Immiscible	
<b>Flash Point °C</b>	32 °C (literature value)	
<b>Flammability Limits</b>	Lower Explosive Limit = 1.1	Upper Explosive Limit = 8.9
<b>Auto Ignition °C</b>	Not Known	
<b>Volatile Organic Compounds VOC</b>	0.0 % volume/volume	
<b>Volatile Components</b>	No known volatile substances.	

**STABILITY and REACTIVITY**

<b>Chemical Stability</b>	Stable under normal conditions of use.
<b>Conditions to avoid</b>	Avoid contact with heat and all ignition sources.
<b>Hazardous decomposition products</b>	On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide, soot and smoke.
<b>Incompatible materials</b>	Not Known
<b>Hazardous Reactions</b>	Avoid contact with alcohols and metals

**TOXICOLOGICAL INFORMATION**

<i>Ingredient</i>	<i>Inhalation LC<sub>50</sub> (rat)</i>	<i>Dermal LD<sub>50</sub> (rabbit)</i>	<i>Oral LD<sub>50</sub>(rat)</i>
Styrene	20 mgm/Litre	12000 mgm/kgm	2000 mgm/kgm
Di Methyl Phthalate	20 mgm/Litre	2000 mgm/kgm	2000 mgm/kgm
Benzoyl Peroxide	No data available	No data available	2000 mgm/kgm

**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**

<i>Environment</i>	May cause long lasting harmful effects in the aquatic environment.
<i>Persistence/ Degradability</i>	No data available.
<i>Mobility</i>	No data available
<i>Environment Protection</i>	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**

<i>UN number</i>	3269		
<i>Proper Shipping Name</i>	POLYESTER RESIN KIT – immiscible in water		
<i>Class</i>	3	<i>Subsidiary Risk</i>	Not Required
<i>Packing Group</i>	III		
<i>Emergency Procedures</i>	EP 3305	<i>Initial Emergency Response Guide</i>	15
<i>HAZCHEM</i>	3[Y]		
<i>IMDG</i>	Not Known		



### REGULATORY INFORMATION

**Regulatory  
Information and  
Hazard Category  
SUSMP  
Classification**

The product is classified as Hazardous Substance in accordance to SAFE WORK AUSTRALIA {HSIS} and Globally Harmonised System as Harmful and Irritant.

Classified as a Schedule S 5 Poison.

### OTHER INFORMATION

**Emergency  
Contact  
Disclaimer**

Poisons Information Centre 13 11 26

HiChem Paint Technologies  
(03) 9796 3400

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