

HiChem Paint Technologies Pty.Ltd.

A.B.N. 95 064 139 563

73 Hallam South Road, HALLAM, VICTORIA 3803.

Telephone : {03} 9796 3400

Facsimile : {03} 9796 4500

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).

GHS HAZARD STATEMENTS



- H 226 Category 3 Flammable Liquid and Vapour
- H 316 Category 5 May cause skin irritation
- H 313 Category 5 May be harmful in contact with the skin.
- AUH 066 Repeated exposure may cause skin dryness or cracking.
- Category 5 May cause eye irritation
- H 333 Category 5 May be harmful if inhaled
- H 335 Category 3 May cause respiratory irritation
- H 336 Category 3 Vapours may cause dizziness and drowsiness
- H 350 Category 1 May cause cancer by inhalation.
- 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 Prevention | P 102/3
P 233/4 | Keep out of reach of children and read label before use.
Keep in the original container and tightly closed when not in use. Keep away from moisture at all times. |
| | P 261
P 270
P 271 | Avoid skin, inhalation and eye contact during the application period. No smoking, eating or drinking.
Use in a well ventilated area away from all electrical or sparking equipment. |
| | P 273
P 280 | Avoid release to environment.
Wear hair and face protection, air supplied respirator, safety glasses fitted with side shields, gloves and protective clothing during handling and application period at all times |
| Response | P 301
P 303
P 304
P 340
P 305
P 338
P 362
P 381
P 403 | If swallowed, rinse the mouth with water immediately. Do not induce vomiting. Seek medical advice.
If on skin, face or hair, wash immediately with soap and plenty of water. If irritation occurs, seek medical advice.
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.
If in eyes, rinse with plenty of water and removed contact lens if worn immediately. Seek urgent medical advice if burning occurs.
Wash contaminated clothing and wash before re-use.
Eliminate all ignition sources and turn off electricity.
Store in a well ventilated area away from moisture |
| Disposal | P 501 | Dispose carefully unused contents and container(s) to an approved waste disposal plant. Classified as FLAMMABLE LIQUID, Class 3, HAZCHEM 3[Y]. |

Product Usage. This Iso Free Clear component is part of a Two Pack Iso Free Clear coating when applied by spray is used for the painting of automotive vehicles.

IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION

<i>Product Name</i>	2 PACK ISO FREE CLEAR FINISH		<i>Code</i>	IFC
<i>Ingredients</i>	<i>Name</i>	<i>CAS Number</i>	<i>Proportion w/w</i>	
	Polymeric Acrylic Resins	Proprietary	30.0 – <60.0.0 %	
	Aliphatic Esters	Mixture	10.0 – <30.0 %	
	Xylene	1330 – 20 – 7	30.0 – <60.0. %	
	Ethyl Benzene	100 – 41 - 4	1.0 – <10.0. %	
	Solvent Naphtha (Petroleum) Heavy Aromatic	64742 – 94 – 5	1.0 – <10.0. %	
	Naphthalene	91 – 20 – 3	0.1 - <1.0 %	

FIRST AID MEASURES

<i>Inhalation</i>	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.
<i>Ingestion</i>	If swallow, 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.
<i>Eyes</i>	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.
<i>Skin and Hair</i>	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.
<i>First Aid Facilities</i>	Clean Water Supply, soap or skin cleaner, barrier cream, emergency showers and eye wash stations.
<i>Advice to Doctor</i>	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 {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. 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 = 25 °C
Vapours may form explosive/air mixtures.
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 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 organic vapour respirator 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. Remove all sources of ignition. Wear the recommended Personal Protective Equipment including positive pressure air supplied 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

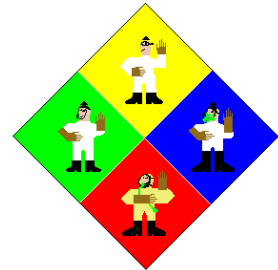
Exposure Standards MAK	Butyl Acetate = 715 mg/m ³ Solvent Naphtha (Petroleum) Heavy Aromatic = 100 mg/m ³ Naphthalene = 52 mg/m ³ Xylene = 350 mg/m ³
Short Term Exposure Limits STEL	Butyl Acetate = 950 mg/m ³ Xylene = 655 mg/m ³

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 apply the product in a confined space.

PERSONAL PROTECTION

Inhalation AS –NZS 1715/16	The wearing of Positive Pressure Air Supplied Organic Vapour – Particulate Respirator must be worn at all times during the handling and spraying application period.
Eye AS –NZS 1337	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 AS –NZS 2161	The wearing of Neoprene or PVC gloves must be worn at all times during the handling and application period.
Footwear AS –NZS 2210	The wearing of enclosed footwear must be worn at all times during the handling and spraying application period.
Clothing AS –NZS 2919	The wearing of anti–static clothing made on natural or synthetic high temperature fibre must be worn at all times during the handling and spraying application period.
Hearing AS –NZS 1270	When applied by conventional spray, the wearing of hearing equipment must be worn at all times.
Other Requirements	Avoid contact with eyes and skin. Avoid inhaling vapours and spray mist.



PHYSICAL – CHEMICAL PROPERTIES

Appearance	A colourless liquid with a mild perfume type odour.	
pH	Not required.	
Vapour Pressure <i>(Butyl Acetate = 1)</i>	Less than 1	
Boiling Point °C	125 – 175 °C	
Density	0.94 {calculated value}	
Solubility in water	Immiscible	
Flash Point °C	25 °C (literature value)	
Flammability Limits	Lower Explosive Limit = 1.0	Upper Explosive Limit = 7.8
Auto Ignition °C	370 °C (literature value)	
Volatile Organic Compounds VOC	63 % weight/volume	
Volatile Components	Hydrocarbons and Aliphatic Esters	

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 polymerise.

TOXICOLOGICAL INFORMATION

Ingredient	Inhalation <i>LC₅₀ (rat)</i>	Dermal <i>LD₅₀ (rabbit)</i>	Oral <i>LD₅₀ (rat)</i>
Butyl Acetate	29 mgm/Litre	17600 mgm/kgm	14100 mgm/kgm
Xylene	20 mgm/Litre	4500 mgm/kgm	2840 mgm/kgm
Solvent Naphtha (Petroleum) Heavy Aromatic	20 mgm/Litre	2000 mgm/kgm	2000 mgm/kgm
Naphthalene	20 mgm/Litre	2000 mgm/kgm	2000 mgm/kgm

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	High toxicity. High concentrations may cause central nervous system depression resulting in headaches, asthma or allergic symptoms, 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 producing a shortness of breath.. Other symptoms can 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. 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 can cause irritation forming dermatitis. Repeated or prolonged exposure may cause skin dryness and cracking.
Carcinogenic	Limited information being carcinogenic in animal studies
Mutagenic	Not known.
Reproductive	Not known.
Toxicity	

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. Do not crush all small empty containers. Large containers and drums may be sent to an approved drum recycler after consulting with Local Statuary Authorities. 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	III	Initial Emergency Response Guide	15
Emergency Procedures	EP 3833		
HAZCHEM	3 <input checked="" type="checkbox"/>		
IMDG	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 HAZARDOUS LIQUID.

Classified as a Schedule S 5 Poison.

OTHER INFORMATION**Emergency
Contact
Disclaimer****Poisons Information Centre 13 11 26****HiChem Paint Technologies
(03) 9796 3400**

Data provided is to best of HiChem Paint Technologies Proprietary Limited knowledge and believe to be accurate and reliable as of the date of issued. However no expressed or implied warranties are given. HiChem Paint Technologies Proprietary Limited cannot anticipate or control the conditions under which this information may be used. Therefore, it is user's responsibility to satisfy themselves as to the suitability and completeness of such information for their particular use. It is the responsibility of the user to ensure that the issue is current. This information given is a non-controlled document



Version 2.0
HIGH 7600
April 2014