

HiChem Paint Technologies Pty.Ltd.

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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

GHS Reference	Description
H 225	Highly Flammable Liquid and Vapour. Boiling Point < 120° Celsius ; Flash Point 4° Celsius
H 303/312/316/333/336 Risk phrase 66	May be harmful if swallowed, may be in contact with skin, may cause irritation to skin and eyes, harmful if inhaled. Vapours may cause drowsiness and dizziness. Repeated or prolonged exposure on skin may cause dryness or cracking
H 370	May cause damage to organs if inhaled
H 413	May cause long lasting effects to aquatic life

GHS PRECAUTIONARY STATEMENTS

General Precautionary Statements	
P 101/102/103	If medical advice is needed, have product container or label readily available. Keep out of reach of children. Carefully read the label and understand before prior to application..
Prevention Precautionary Statements	
P 233/234/235	Keep in original container(s) tightly closed when not use in and stored in a well ventilated area from moisture. Ensure that all electrical equipment and lighting is explosion proof and protected from heat sources.
P 261/264/270/273/280	During the application period, used in a well ventilated area, NO SMOKING, consumption of food and liquids. Wear the protective clothing including eye protection at all times, including both facial and gloves, and protective footwear. The wearing of organic vapour face respirator required.
Response Precautionary Statements	
P 302	If swallowed, rinse mouth immediately with plenty of water. If any burning occurs, urgently contact the POISONS INFORMATION CENTRE on 13 11 26 for medical advice.
P 303	If on skin, carefully wash the contaminated area with warm water and soap immediately. Dry cautiously without damaging the affected area and apply an antiseptic ointment. Seek medical advice if any irritation occurs.
P 304	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	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	If splashed onto personal protective clothing, removed all contaminated clothing and wash with plenty of water immediately before reuse.
Emergency Response Precautionary Statements	
P 370	To fight fire at a reasonable distance, using dry sand or earth, or alcohol resistant foam. If safe to do so, remove all electrical equipment in the direction of fire. Ensure all power supplies are switched off.
P 375	Containers may explode on heating and ignite rapidly. Spilt contents can present a significant fire risk. If safe to do so, remove all damaged container(s) away from the direction of fire and leaks can be absorbed onto dry sand to prevent further damage. Consider evacuating the area as the fire may spread
Storage Precautionary Statements	
P 402/403/404	Store in a dry, well ventilated place in closed, clearly labelled containers away from heat and sunlight in a Flammable Goods Store. Ensure all areas and entrances are readily accessible at all times
Disposal Precautionary Statements	
P 501	Dispose carefully unused contents and container(s) to an approved waste disposal site. Further information may be obtained by contacting the Local Statutory Authorities. Ensure all package(s) are labelled as ADHESIVES, U.N 1133, CLASS 3, HAZCHEM 3[Y]E

IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION

<i>Product Name</i>	CONTACT ADHESIVE	<i>Code</i>	CA
<i>Name</i>		<i>CAS Number</i>	<i>Proportion w/w</i>
Toluene		108 – 88 – 3	11.0 – 14.0 %
Methyl Ethyl Ketone		78 – 93 – 3	12.0 – 15.0 %
Solvent Naphtha – Light Aliphatic		Proprietary	29.0 – 34.0 %
Hexane		110 – 54 – 3	12.0 – 15.0 %
Polychlorophene		9010 – 98 – 4	20.0 – 25.0 %
Hydrocarbon Resin		Proprietary	4.0 – 7.0 %

PRODUCT USE : HICHEM MOTORSPRAY CONTACT ADHESIVE is used as adhesive on automotive and marine surfaces applied by blade scraper or brush. For further information, contact HICHEM helpdesk. Telephone 03 9796 3034.

FIRST AID MEASURES

<i>Inhalation</i>	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.
<i>Ingestion</i>	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.
<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 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 {CO ₂ }, alcohol resistant foam, dry sand 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 =< 23 ° Celsius
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 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**

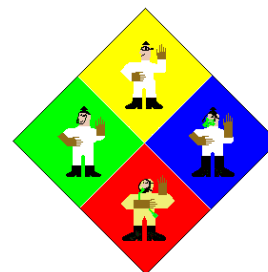
Precautions for Safe Handling	Highly Flammable Liquid. Remove all sources of ignition. Wear the recommended Personal Protective Equipment including organic vapour respirator, eye/face protection, protective clothing, gloves and enclosed footwear. Ensure there is adequate ventilation at all times. After use, before eating, drinking or smoking, wash all exposed skin and hair with soap and water.
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EXPOSURE CONTROLS for 8 hours

Exposure Standards	Methyl Ethyl Ketone = 600 milligram/cubic metre
MAK	Toluene = 190 milligram/cubic metre
	Solvent Naphtha – Light Aliphatic = 100 milligram/cubic metre
	Hexane = 72 milligram/cubic metre

PERSONAL PROTECTION

Inhalation AS –Nzs 1715/16	The wearing of Organic Vapour Respirator should be worn at all times during the application and handling period.
Eye AS –Nzs 1337	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 AS –Nzs 2161	The wearing of Neoprene or PVC gloves should be worn at all times during the application and handling period.
Footwear AS –Nzs 2210	The wearing of enclosed footwear should be worn at all times during the application and handling period.
Clothing AS –Nzs 2919	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 AS –Nzs 1270	Not required
Other Requirements	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)	Greater than 1
Boiling Point °C	69 to 111° Celsius
Density	1.00
Solubility in water	Immiscible
Flash Point °C	< 23 °Celsius (literature value)
Flammability	Lower Explosive Limit = 1.0 Upper Explosive Limit = 11.3
Limits	
Auto Ignition °C	240 °Celsius (literature value)
Volatile Organic Compounds VOC	50.0 % volume/volume
Volatile Components	Liquid Aromatic and Aliphatic Hydrocarbons, Methyl Ethyl Ketone.

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

<i>Ingredient</i>	<i>Inhalation LC₅₀ (rat)</i>	<i>Dermal LD₅₀ (rabbit)</i>	<i>Oral LD₅₀(rat)</i>
Toluene	29 mgm/Litre	12200 mgm/kgm	5580 mgm/kgm
Methyl Ethyl Ketone	20 mgm/Litre	8000 mgm/kgm	2600mgm/kgm
Solvent Naphtha – Light Aliphatic	20 mgm/Litre	2000 mgm/kgm	2000 mgm/kgm
Hexane	20 mgm/Litre	2000 mgm/kgm	2000 mgm/kgm

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.

Acute Dermal Toxicity Low toxicity.

Acute Oral Toxicity Low toxicity. Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis which may be fatal.

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	No data available

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

UN number	1133		
Proper Shipping Name	ADHESIVES		
Class	3	Subsidiary Risk	Not Required
Packing Group	II		
Emergency Procedures	EP 3300	Initial Emergency Response Guide	14
HAZCHEM	3[Y]E		
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.
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	<i>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</i>	



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