

HiChem Industries Pty. Ltd.

A.B.N. 47 006 542 767

73 Hallam South Road, HALLAM, VICTORIA 3803.

Telephone : {03} 9796 3400

Facsimile : {03} 9796 4500

Email: mark@hichem.com.auwww: hichem.info**IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION**

Product Name	ACRYLIC LACQUER – LEAD FREE	Code	various
Product Use	acrylic finish for “touch-up” on automotive panels.		
Ingredients	Name	CAS Number	Proportion w/w
	Toluene	108–88–3	10 – 30 %
	Aliphatic Ketones	Not Known	10 – 30 %
	Aliphatic Esters	Not Known	10 – 30 %
	Coloured Pigments (Non – Hazardous)	Not Known	2 – 30 %
	Synthetic Resins (Non – Hazardous)	Not Known	10 – 30 %
	Additives (Non – Hazardous)	Not Known	1 – 10 %

HAZARD IDENTIFICATION

Chronic	Risk	66,67	Repeated exposure may skin dryness and cracking. Vapours may cause headaches, drowsiness and dizziness.
Acute			
Skin	Risk	21,38	Harmful X _n , Irritant X _i .
Inhalation	Risk	20	Harmful X _n
Ingestion	Risk	22	Harmful X _n
Eyes	Risk	36	Irritant X _i .
ADG	Paint – immiscible in water, UN 1263,		
Classification	Class 3, HAZCHEM 3(Y)E.		
SUSDP	Classified as a Schedule S 5 poison.		
Classification			

FIRST AID MEASURES

Inhalation	If the applicator feels drowsy, dizzy, tired or experiencing headaches, remove the victim to the fresh air. Keep the victim warm and quiet until all symptoms subside.
Ingestion	If swallowed and only if person is conscious give a glass of water to drink DO NOT induce vomiting. Seek immediate medical attention.
Eyes	If sprayed into eyes, hold eyes open, irrigate copiously with clean water for at least 15 minutes. Seek immediate medical attention if any irritation occurs.
Skin	If sprayed onto skin, wash thoroughly with soap and plenty of water. Seek medical attention if any irritation occurs.
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.



FIRE FIGHTING MEASURES

Extinguishing Media and Requirements Fire Fighting Procedures & Precautions

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 and drains
Fire – fighters should wear Chemical Splash Suit with attached Self – Contained Breathing Apparatus 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 containers and equipment from the direction of the fire, if safe to do so. Keep upwind.



Flammability Hazardous Decomposition Products

Highly Flammable Liquid.
On heating, containers may rupture and explode; contents may burn rapidly forming toxic gases including carbon monoxide.

ACCIDENTAL RELEASE MEASUREMENTS

Spills and Leaks

Contain all spills and leaks. Avoid contamination with spilt material on surfaces. 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

Avoid contaminating waterways, drains, water courses and sewage.



HANDLING and STORAGE

Handling

Keep out of reach of children. Avoid unnecessary contact with the material. After use before eating, drinking or smoking wash all exposed skin with soap and water.

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 Engineering Controls

Toluene = 190 mg/m³.

When applying the product, ensure there is adequate ventilation during the application period.

PERSONAL PROTECTION

Inhalation
AS –NZS 1715/16
Eye

AS –NZS 1337

Gloves
AS –NZS 2161

Footwear
AS –NZS 2210

Clothing
AS –NZS 2919

Hearing
AS –NZS 1270

Other Requirements

It is advisable to wear an Organic Vapour Respirator during the application period.

It is advisable to wear safety glasses fitted with side shields during the application period. Do not wear contact lenses.

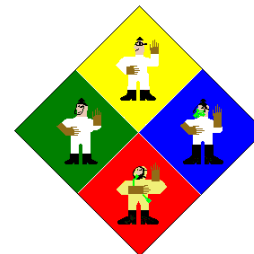
It is advisable to wear Viton or PVC gloves during the application period.

It is advisable to wear enclosed footwear during the application period

It is advisable to wear anti-static clothing made on natural or synthetic high temperature fibre during the application period

Not Required.

Avoid contact with eyes and skin. It is advisable to wear recommended Personal Protective Equipment as described.

**PHYSICAL – CHEMICAL PROPERTIES**

Appearance

pH

Vapour Pressure
(Butyl Acetate = 1)

Boiling Point °C

Density

Solubility in water

Flash Point °C

Flammability Limits

Auto Ignition °C

Volatile Components

A coloured liquid with a mild odour.

Not required.

Greater than 1.

40 –145 °C {literature value}

1.00 {calculated value}

Immiscible

< – 1 °C {literature value}

Lower Explosive Limit = 1.0%

Upper Explosive Limit = 19.0%

345 °C {literature value}

Organic Solvents.

STABILITY and REACTIVITY

Chemical Stability

Hazardous

Polymerization

Conditions to avoid

Incompatible
materials

Hazardous
decomposition

products

Stable under normal conditions of use.

Will not polymerize.

Avoid contact heat and all ignition sources.

Incompatible with strong oxidizing agents

Stable.

TOXICOLOGICAL INFORMATION

Inhalation LC₅₀

Skin LD₅₀

Ingestion LD₅₀

Eyes

Sensitization

rat Organic Solvents > 20mg/Litre for 4 hours

rabbit Organic Solvents > 400 mg/kilogram bodyweight/day

rat Organic Solvents > 200 mg/kilogram bodyweight/day

No data for Organic Solvents – irritant

No data for Organic Solvents – non sensitizer

ECOLOGICAL INFORMATION

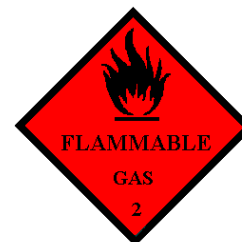
Environment No data available

DISPOSAL CONSIDERATIONS

Collect all residues and placed into labelled and sealed containers. Do not incinerate or puncture empty containers after use. Dampen all unwanted cloths and rags in water prior to disposal. Do not recycle contents or spent containers. Ensure all contents do not pollute waterways, drains and other water courses.

TRANSPORT INFORMATION

UN number	1263		
Proper Shipping Name	Paints		
Class	3	Subsidiary Risk	Not Required
Packing Group	II		
Emergency Procedures	EP 3300	Initial Emergency Response Guide	14
HAZCHEM	3 (Y)E		
IMDG			

**REGULATORY INFORMATION**

Risk Phrases R	66, 67	Repeated exposure may skin dryness and cracking. Vapours may cause headaches, drowsiness and dizziness
	20/21/22	Harmful by inhalation, skin contact and if swallowed.
	36/38	Irritating to eyes and skin.
	11	Highly Flammable
Safety Phrases S	7/9	Keep containers closed and in a well ventilated area when not in use.
	23.5	Avoid breathing vapours or spray mist.
	24/25	Avoid contact with skin and eyes.
	36/37/38/39	Wear recommended Personal Protective Equipment – protective clothing, gloves, boots, respirator and eye protection.
SUSDP Classification		The current product is labelled as Schedule 5 Poison.

OTHER INFORMATION

Emergency Contact **Poisons Information Centre 13 11 26 HiChem Industries (03) 9796 3400**

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