

HiChem Paint Technologies Pty Ltd

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Email: msdsinfo@hichem.com.auWebsite: www.hichem.com.au**IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION**

Product Name	2 PACK ISO FREE CLEAR FINISH	Code	IFC
Product Use	Part A component of an isocyanate-free automotive spraying finish		
Ingredients	Name	CAS Number	Proportion w/w
	Xylene	1330-20-7	30 – 60 %
	Butyl Acetate	123-86-4	10 – 30 %
	Synthetic Resins (Non-Hazardous)	Not Known	30 – 60 %
	Additives (Non-Hazardous)	Not Known	1 – 10 %

HAZARD IDENTIFICATION

Hazard Classification	Hazardous Substance according to ASCC, Dangerous Goods		
Chronic Risk	65,66,67	Harmful. May cause lung damage if swallowed. Repeated exposure may cause skin dryness and cracking. Vapours may cause headaches, drowsiness and dizziness.	
Acute			
Skin Risk	21,38	Harmful X _n , Irritant X _i	
Inhalation Risk	20,37	Harmful X _n Irritant X _i	
Ingestion Risk	22	Harmful X _n	
Eyes Risk	36	Irritant X _i	
ADG Classification	PAINT- immiscible in water, UN 1263, Class 3, Packing Group III,		
SUSDP Classification	HAZCHEM 3[Y].		
	Classified as a Schedule S 5 poison.		

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 the person is conscious, give water to drink. DO NOT induce vomiting. Seek URGENT medical attention if frothing from the mouth occurs.
Eyes	If splashed 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 skin contact occurs, remove contaminated clothing, and 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

Flammable Liquid. Flash Point = 24°C

On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide.

ACCIDENTAL RELEASE MEASURES

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 Engineering Controls

Butyl Acetate = 713 mg/m³.TWA Xylene = 350 mg/m³.TWA

When applying the product, ensure there is adequate ventilation during the application period. Spraying should be performed in approved spray booth in accordance with Australian Standard AS/NZS 4114

PERSONAL PROTECTION

Inhalation
AS –NZN 1715/16

Where spray mist is heavy spray booth and air supplied mask is recommended. Where spray mist is light wearing of a Organic Vapour Respirator is recommended during the application period.

Eye
AS –NZN 1337

The wearing of safety glasses fitted with side shields is recommended during the application period. Do not wear contact lenses.

Gloves
AS –NZN 2161

The wearing of Viton or PVC gloves is recommended during the application period.

Footwear
AS –NZN 2210

The wearing of enclosed footwear is recommended during the application period

Clothing
AS –NZN 2919

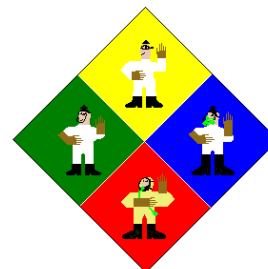
The wearing of anti–static clothing made on natural or synthetic high temperature fibre is recommended during the application period

Hearing
AS –NZN 1270

The wearing of hearing protection when applying by conventional spray is recommended during the spraying application period

Other Requirements

Avoid contact with eyes and skin. Wear the 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 colourless liquid with a sweet odour.
Not required.
Greater than 1.
108 – 175 °C {literature value}
0.95
Immiscible
24°C {literature value}
Lower Explosive Limit = 1.0% Upper Explosive Limit = 12.0%
370°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 rat Organic Solvents > 20mg/Litre for 4 hours
Skin LD₅₀ rabbit Organic Solvents > 400 mg/kilogram bodyweight/day

Ingestion LD₅₀ rat Organic Solvents > 200 mg/kilogram bodyweight/day
Eyes Organic Solvents – irritant
Sensitization 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 empty containers after use. Dampen all unwanted cloths and rags in water prior to disposal. Do not recycle contents or spent containers. Crush all small empty containers. Larger containers and drums may be sent to an approved drum recycler. Ensure all contents do not pollute waterways, drains and other water courses.

TRANSPORT INFORMATION

UN number	1263		
Proper Shipping Name	PAINT, immiscible in water		
Class	3	Subsidiary Risk	Not Required
Packing Group	III		
Emergency Procedures	EP 3303	Initial Emergency Response Guide	15
HAZCHEM	3		
IMDG			



REGULATORY INFORMATION

Risk Phrases R	65,66,67	Harmful. May cause lung damage if swallowed. Repeated exposure may cause skin dryness and cracking. Vapours may cause headaches, drowsiness and dizziness
	20/21/22	Harmful by inhalation, skin contact and if swallowed.
	36/37/38	Irritating to eyes, respiratory tract and skin.
	10	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, eyes and hearing protection.
SUSDP Classification	The current product is labelled as Schedule 5 Poison.	

OTHER INFORMATION

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

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