

HiChem Paint Technologies Pty Ltd

A.B.N. 95 064 139 653

73 Hallam South Road, HALLAM, VICTORIA 3803.

Telephone : {03} 9796 3400

Facsimile : {03} 9796 4500

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

Product Name	2 PACK COLOURS – LEAD FREE COLOURS	Code	
Product Use	2 Pack Colour use as an automotive refinish system.		
Ingredients	Name	CAS Number	Proportion w/w
	Coloured Pigments (Non – Hazardous)	Not Known	1 – 40 %
	Aliphatic Esters	Not Known	10 – 30 %
	Synthetic Resins (Non – Hazardous)	Not Known	30 – 60 %
	Additives (Non – Hazardous)	Not Known	1 – 10 %

HAZARD IDENTIFICATION

Hazardous Substance	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
Safety Phrases	7/9,23.5,24/25,36/37/39 Further description, refer to page 4.
ADG	PAINT– immiscible in water, UN 1263, Class 3, Packing Group III,
Classification	HAZCHEM 3[Y].
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 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 = 23 °C
On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide and oxides of nitrogen.

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 MAK Engineering Controls

Aliphatic Esters = Not Known

When mixing and spraying of both 2 Pack Colour and its corresponding Isocyanate Hardener, all work must be performed out in approved spray booth in accordance with Australian Standards.

PERSONAL PROTECTION**Inhalation**
AS –NZZ 1715/16

The wearing of Positive Pressure Air Supplied Full Face Respirator **must** be worn at all times during the mixing and spray application period; until all spray mists are efficiently dispersed from the spray booth atmosphere before exiting.

Eye
AS –NZZ 1337

The wearing of safety glasses fitted with side shields **should** be worn at all times during the mixing and spray application period. Do not wear contact lenses.

Gloves
AS –NZZ 2161

The wearing of Viton or PVC gloves **should** be worn at all times during the mixing and spray application period.

Footwear
AS –NZZ 2210

The wearing of enclosed footwear **should** be worn at all times during the mixing and spray application period

Clothing
AS –NZZ 2919

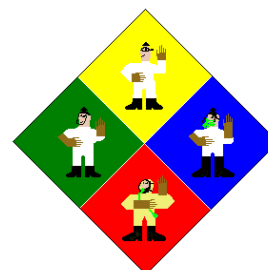
The wearing of anti-static clothing made on natural or synthetic high temperature fibre **should** be worn at all times during the mixing and spray application period

Hearing
AS –NZZ 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. Avoid inhaling spray mists and vapours.

**PHYSICAL – CHEMICAL PROPERTIES****Appearance**

A coloured liquid with a strong odour.

pH

Not required.

Vapour Pressure

Greater than 1.

(Butyl Acetate = 1)

Boiling Point °C

127 – 175 °C {literature value}

Density

1.0 – 1.4 {depending on colour}

Solubility in water

Immiscible

Flash Point °C

23 °C {literature value}

Flammability Limits

Lower Explosive Limit = 1.0 %

Upper Explosive Limit = 10.8%

Auto Ignition °C

250 °C {literature value}

Volatile Components

Organic Solvents

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 and oxides of nitrogen.

Incompatible materials

Incompatible with strong oxidizing agents

Hazardous Reactions

Will not polymerize.

TOXICOLOGICAL INFORMATION

Inhalation	LC ₅₀	rat	Organic Solvents > 20mg/Litre for 4 hours
Skin	LD ₅₀	rabbit	Organic Solvents > 400 mg/kilogram bodyweight/day
Ingestion	LD ₅₀	rat	Organic Solvents > 200 mg/kilogram bodyweight/day
Eyes & Skin			Organic Solvents – irritant
Sensitization			The mixed product may cause asthma – type symptoms after being sensitized.
Health Effects			Not recommended for applicators that have respiratory ailments.

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.
	36/37/39	Wear recommended Personal Protective Equipment – protective clothing, gloves, boots, respirator, eyes and hearing protection.
SUSDP 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 *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 1 – Revised Format