

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	THINNERS T315N	Code	T315N
Product Use	Use as a thinner for 2 Pack Polyurethanes		
Ingredients	Name	CAS Number	Proportion w/w
	Toluene	108 – 88 – 3	30 – 60 %
	Methyl Ethyl Ketone	78 – 93 – 3	10 – 30 %
	Xylene	1330–20–7	10 – 30 %
	Butyl Acetate	123–86–4	10 – 30 %

HAZARD IDENTIFICATION

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 PAINT RELATED MATERIAL THINNERS – immiscible in water, UN 1263,

Classification Class 3, Packing Group II, HAZCHEM 3[Y]E.

SUSDP Classified as a Schedule S 6 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

Highly Flammable Liquid. Flash Point = –1 °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 MAK Engineering Controls

Methyl Ethyl Ketone = 600 mg/m³. Xylene = 440 mg/m³.
Toluene = 190 mg/m³. Butyl Acetate = 480 mg/m³.
When applying the product, ensure there is adequate ventilation during the application period.

PERSONAL PROTECTION**Inhalation****AS –NZN 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; and also all spray mists are efficiently dispersed from the spray booth atmosphere.

Eye**AS –NZN 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 –NZN 2161**

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

Footwear**AS –NZN 2210**

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

Clothing**AS –NZN 2919**

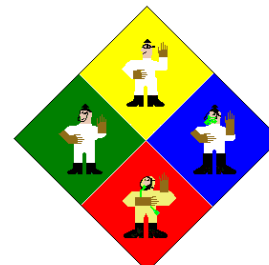
The wearing of anti-static clothing made on natural or synthetic high temperature fibre **should** be worn at all times during the mixing and spray application period

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

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

A colourless liquid with a mild odour.

pH

Not required.

Vapour Pressure

Greater than 1.

*(Butyl Acetate = 1)***Boiling Point °C**

79 – 145°C {literature value}

Density

0.86 {calculated value}

Solubility in water

Immiscible

Flash Point °C

–1 °C {literature value}

Flammability Limits

Lower Explosive Limit = 1.0%

Upper Explosive Limit = 11.5%

Auto Ignition °C

370 °C {literature value}

Volatile Components

Organic Solvents

STABILITY and REACTIVITY**Chemical Stability**

Stable under normal conditions of use.

Hazardous

Will not polymerize.

Polymerization**Conditions to avoid**

Avoid contact heat and all ignition sources.

Incompatible materials

Incompatible with strong oxidizing agents

Hazardous decomposition products

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 RELATED MATERIAL – THINNERS, immiscible in water		
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	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.
	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, eye and hearing protection.
SUSDP Classification	The current product is labelled as Schedule 6 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*