

HiChem Paint Technologies Pty. Ltd.

A.B.N. 95064139653

73 Hallam South Road, HALLAM, VICTORIA 3803.

Telephone : {03} 9796 3400

Facsimile : {03} 9796 4500

Email: msdsinfo@hichem.com.au [www:hichem.com.au](http://www.hichem.com.au)**IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION**

Product Name	2 PACK PRIMER THINNER	HPFT
Product Use	Use as a thinner for HICHEM Hibuild Primer Filler products during application.	
Ingredients	Name	CAS Number Proportion w/w
	Xylene	1330 – 20 – 7 60 – 100 %
	Aliphatic Esters	Not Known 30 – 60 %
	Di Butyl Tin Laurate	77 – 58 – 7 < 0.05 %

HAZARD IDENTIFICATION

The product is classified both as Hazardous Substance and Dangerous Goods in accordance to NOHSC.

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	Harmful X _n
Ingestion	Risk	22	Harmful X _n
Eyes	Risk	36	Irritant X _i

Safety Phrases 7/9,23.5,24/25,36/37/38/39 Further description, refer to page 4.

ADG PAINT RELATED MATERIAL – THINNERS, U.N. 1263, Class 3,

Classification Packing Group III, HAZCHEM 3[**Y**].

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

Flammable Liquid. Flash Point = 27 °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

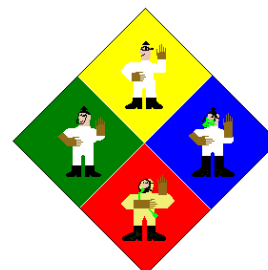
Xylene = 350 mg/m³.

Aliphatic Esters = Not Known

When using HIBUILD PRIMER FILLER THINNERS, ensure there is adequate ventilation at all times. Do not use in a confined space.

PERSONAL PROTECTION

Inhalation	The wearing of an Organic Vapour – Particulate Respirator must be worn during the application period.
AS –NZS 1715/16	
Eye	The wearing of face shield must be worn during the application period. Do not wear contact lenses.
AS –NZS 1337	
Gloves	The wearing of elbow – length Viton or PVC gloves must be worn during the application period.
AS –NZS 2161	
Footwear	The wearing of enclosed footwear must be worn during the application period
AS –NZS 2210	
Clothing	The wearing of anti–static clothing made on natural or synthetic high temperature fibre must be worn during the application period
AS –NZS 2919	
Hearing	The wearing of hearing protection when applying by conventional spray must be worn during the application period.
AS –NZS 1270	
Other Requirements	Avoid contact with eyes and skin. Avoid inhaling spray mists and vapours.

**PHYSICAL – CHEMICAL PROPERTIES**

Appearance	A colourless liquid with a strong odour.	
pH	Not required.	
Vapour Pressure	Less than 1.	
<i>(Butyl Acetate = 1)</i>		
Boiling Point ° C	127 – 145 ° C {literature value}	
Density	0.87 {calculated value}	
Solubility in water	Immiscible	
Flash Point ° C	27 ° C {literature value}	
Flammability Limits	Lower Explosive Limit = 1.0 %	Upper Explosive Limit = 7.5 %
Auto Ignition ° C	410 ° 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.
Incompatible materials	Incompatible with strong oxidizing agents
Hazardous decomposition products	On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide.
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			R 36 Eye Irritant - Organic Solvents R38 Skin Irritant - Organic Solvents
Sensitization			No data.
Health Effects			Not Known.

ECOLOGICAL INFORMATION

Environment May cause long – term adverse effects to the environment.

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		
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.
	36/38	Irritating to eyes 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 and eye protection.
SUSDP Classification	Classified as a Schedule S 6 Poison.	

OTHER INFORMATION

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

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