



Manufacturers of Industrial & Decorative Coatings

United Paints Limited
P.O. Box 21 064
29 Empire Road
Bridgend
Christchurch
Telephone : (03) 323 8743
Facsimile : (03) 323 7261

SAFETY DATA SHEET COMMERCIAL THINNER

1.0 Chemical Product and Company Identification

Trade Name: COMMERCIAL THINNER
Chemical Name: Paint Thinner
Manufacturers Name: United Paints
Address: 29 Empire Rd, Belfast, Christchurch
Telephone: (03) 323 8743
Facsimile: (03) 323 7261
Date of Issue: 27th November 2017

Emergency Contact Numbers

National Poison & Hazardous Chemicals Information Centre (03) 474 0999
United Paints Limited – Director (Mr M.Davies) (03) 359 3528 Home
021 617 979 Mobile

2.0 Hazards Identification



HSNO APPROVAL CODE : HSR002650

HSNO CLASSIFICATIONS : 3.1B , 6.1D , 6.3A , 6.4A , 6.8B ,
6.9B , 9.1B , 9.3C

Wording : DANGER

Hazard Statements :

H225 Highly Flammable liquid and vapour.
H302 Harmful if swallowed
H315 Causes skin irritation.
H332 Harmful if inhaled.
H360 Suspected of damaging fertility or the unborn child.
H373 May cause damage to organs through prolonged or repeated exposure.
H413 May cause long lasting harmful effects to aquatic life.

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Auckland
(09) 265 0032

Palmerston North
021 682 151

Prevention Statements :

P201	Obtain special instructions before use.
P202	Do not handle until all safety precautions have been read and understood.
P210	Keep away from heat, open flames, hot surfaces. No smoking.
P233	Keep container tightly closed.
P240	Ground container and receiving equipment.
P241	Use explosion proof electrical , ventilating, lighting equipment.
P242	Use non sparking tools.
P243	Take precautionary measures against static discharge.
P260	Do not breathe vapours.
P261	Avoid breathing dust/fumes/gas/mist/vapour or spray
P264	Wash hands thoroughly.
P270	Do not eat, drink, or smoke when handling.
P271	
P273	Avoid release to the environment.
P280	Wear protective gloves and eye protection.
P281	Use personal protective equipment if required.

Response Statements :

P301 + P312	IF SWALLOWED : Call the POISON CENTRE/Doctor/physician if feeling unwell.
P302 + P352	IF ON SKIN : Wash with plenty of water and soap.
P312	Call the POISON CENTRE or Doctor if you feel unwell.
P314	Get medical attention if you feel unwell.
P321	Specific treatment see section 4 for First Aid measures.
P330	Rinse mouth.
P363	Wash contaminated clothing before re-use.
P304 + P340	IF INHALED remove to fresh air. Rest in comfortable position for breathing.
P305 + P351	IF IN EYES rinse cautiously with water for several minutes.
P337 + P313	If eye irritation persists get medical advice.
P370 + P378	In case of fire, stop leak if it is safe to do so.

Storage Statements :

P403 + P235	Store in a well ventilated place.
P405	Store locked up.

Disposal Statements :

P501	Dispose of product and containers in accordance with local regulation.
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3.0 Composition / Information on Ingredients

Ingredient	% By Weight	TLV (TWA)	
Aliphatic Hydrocarbon	20.0 – 40 %	1600 mg/m ³	400ppm
Toluene	20.0 – 40 %	188 mg/m ³	50ppm
Ketone	20.0 – 40 %	590 mg/m ³	200ppm

4.0 First Aid Measures

4.1 Inhalation

Bring patient to fresh open air. If breathing difficult give oxygen.

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4.2 Skin Contact	Wash with soap and water. Remove and launder contaminated clothing before reuse.
4.3 Eye Contact	Flush with water lifting lids occasionally. Seek medical attention .
4.4 Ingestion	Do not induce vomiting. Keep patient warm and quiet. Seek medical attention immediately . Rinse mouth with water .
4.5 First Aid Facilities	Eyewash and normal washroom facilities and consumerables .
4.6 Notes to Doctor	Treat symptomatically . Aspiration is the main danger . Enforce bed rest and observe carefully . Prophylactic antibiotics useful . Observe for chemical pneumonitis . Gasto-intestinal absorption is significant with hydrocarbon solvents .For large ingestions cuffed endotracheal tube is recommended .

5.0 Fire Fighting Measures

5.1 Flashpoint	7°C
5.2 Flammability Limit	1.2 (Lower)
5.3 Extinguishing Media	Foam , carbon dioxide , dry chemical .
5.4 Hazardous Composition Products	May form toxic materials such as Carbon Monoxide and Carbon Dioxide.
5.5 Special Firefighting Procedures	Call Fire Service and tell them of location and nature of hazard . Water or Foam may cause frothing that can be violent, especially if sprayed into containers of hot burning liquid. Self contained breathing apparatus with full face piece should be used. Closed containers can be kept cool by water spray . Make sure of adequate supplies of extinguishing material available .
5.6 Unusual fire and Explosion Hazards	Vapours are heavier than air and may travel along ground and move by ventilation and ignite at a point far from the source. Sumps and drains should be checked for signs of accumulation .
5.7 Firefighting Personal Protective Equipment	Full protective clothing and self contained breathing apparatus . Water rinse shower available .

6.0 Accidental Release Measures

- 6.1 Minor Spills** Eliminate all sources of Ignition. Stop leak at source. Dyke area of spillage. Absorb with sand or other absorbent inert material.
- 6.2 Major Spills** Clear are from all public and personnel . Call fire service and advise on the nature of hazard . Ensure spill is contained however if spill enters waterways directly or through drains advise local environment protection authority .
- 6.2 Disposal** Destroy by controlled incineration by approved waste disposal group or use an authorised disposal area.

7.0 Handling and Storage

- 7.1 Handling** Use in well ventilated area away from any source of ignition . Wear safety glasses , nitrile gloves , overalls , and approved cartridge respirator when spraying .
- 7.2 Storage** Store in a cool , authorised room away from any source of accidental ignition , or any oxidising agents .

8.0 Exposure Controls / Personal Protection

8.1 Exposure Controls

Contains > 30 % Aromatic Hydrocarbon solvent . Make sure level maintained below TLV of 50 ppm or provide personal protective equipment to suit .

8.2 Personal Protective Equipment

- Vapour Respirator
- Splash Goggles
- Face Shield
- Gloves (Nitrile)
- Synthetic Apron
- Vapour Respirator
- Dust Respirator

9.0 Physical and Chemical Properties

- 9.1 Appearance** Liquid
- 9.2 Odour** Hydrocarbon/Ketone
- 9.3 Boiling Point** 110°- 114°C
- 9.4 Flash Point** 7° C
- 9.5 Solubility in Water** Negligible
- 9.6 Specific Gravity** 0.8

9.7	ph Value	Not applicable
9.8	Vapour Pressure	40 mm Hg at 20°C
9.9	Vapour Density	3.3
9.10	Evaporation Rate	2.5 (BA=1)
9.11	Volatile Component	100 %
9.12	Flammability	Flammable Liquid
9.13	Autoignition Temp	520°C
9.14	Flammability Limits	Lower 1.1 Upper 10

Coloured flammable liquid with a mild solvent odour , which does not mix with water but will form a thin layer on water surface .

10.0 Stability and Reactivity

10.1	Chemical Stability	Stable under normal conditions
10.2	Conditions to Avoid	Heat , Direct Sunlight , open flames or other ignition sources
10.3	Materials to Avoid	Strong oxidising agents
10.4	Hazardous Decomp Products	Carbon monoxide , Carbon dioxide , fumes
10.5	Hazardous Reactions	May react with incompatible materials
10.6	Hazardous Polymerization	Will not occur

11.0 Toxicological Information

11.1	Acute Toxicity	Oral : Moderately Toxic Dermal : Slightly Toxic Inhalation : Moderate Irritant
11.2	Health Effects Swallowed	Harmful . Ingestion of this material may irritate the gastric tract and cause nausea and vomiting .
	Eye Contact	May cause eye irritation, stinging, redness and blurred vision.
	Skin Contact	May cause itching, redness and irritation
	Chronic Effects	Prolonged contact with skin may cause dermatitis .

12.0 Ecological Information

12.1	Ecotoxicity	No ecological data is available for this product .
12.2	Persistence / Degradability	Not readily biodegradable .
12.3	Mobility Air Water	Slow loss by evaporation Product will mix partially with water .
12.4	Enviro Protection	Avoid contaminating waterways , soil , drains and sewers .

13.0 Disposal Considerations

- 13.1 Liquid** Dispose of waste through an approved facility .
- 13.2 Containers** Dispose of containers through metal recycler once empty containers have dried .

14.0 Transport Regulations

Labelling Required FLAMMABLE LIQUID
Red Diamond 3

UNDG

U N Number 1993

Proper Shipping Name Hazardous Substance n.o.s

D G Class 3

Hazchem Code 3 Y

Packing Group III

IMDG (Maritime)

IMDG Class 3

UN Number 1993

EMS Number F-E , S-E

IMDG Subrisk None

Packing Group III

Special Provisions 163 223 944 955

Marine Pollutant Not Determined

This material is classified as a class 3 – Flammable Liquid according to NZS 5433 : 1999 Transport of Dangerous Goods on Land .

This material must not be loaded in the same freight container or the same vehicle with :

Class 1	Explosives
Class 2.1	Flammable Gases
Class 2.3	Toxic Gases
Class 4.2	Spontaneously Combustible Substances
Class 5.1	Oxidising substances
Class 5.2	Organic Peroxides
Class 7	Radioactive materials unless specifically exempted

Must not be loaded in the same freight container , but can be in the same vehicle if separated horizontally by a distance of 3 metres :

Class 4.3 Dangerous when wet substances .

Goods of packing group II or III may be loaded in the freight container or the same vehicle if transported in segregation devices with :

Class 4.2	Spontaneously Combustible Substances
Class 4.3	Dangerous when wet substances
Class 5.1	Oxidising substances
Class 5.2	Organic Peroxides

15.0 Regulatory Information

Labelling	Class 3 , Flammable Liquid
Poisons Schedule	S 4
Hazard Category	Harmful

16.0 Other Information

Revision Date	27 th November 2022
NZ Emergency Services	Telephone 111
NZ Poison Information	Telephone 0800 POISON (0800 764 766)

The above information concerns only the above mentioned product and is not valid with any other product(s). The information is provided to the best of our knowledge, correctly and completely, in good faith but without warranty. It remains the user's responsibility to ensure the information is appropriate for their application of the product.