

**2 PACK THINNER D606**

Classified as Hazardous in accordance to criteria of Worksafe Australia

**COMPANY DETAILS****HiChem Paint Technologies Pty Ltd**

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<b>Product Name</b>	2 PACK THINNER D606
<b>Product Number</b>	D606
<b>Proper Shipping Name</b>	PAINT RELATED MATERIAL - THINNERS
<b>U.N. Number</b>	1263
<b>Dangerous Goods Class</b>	3
<b>HAZCHEM Code</b>	3[Y]
<b>Initial Emergency Response Guide</b>	15
<b>Packing Group</b>	III
<b>Poison Schedule Number</b>	S 5
<b>Product Use</b>	2 Pack Thinner D606 is a blend of organic solvents is used for thinning recommended automotive 2 Pack Paint products prior to spray application.

**PHYSICAL DESCRIPTION AND OTHER PROPERTIES**

<b>Appearance</b>	Colourless liquid
<b>Initial Boiling Point</b>	125° Celsius {literature value}
<b>Vapour Pressure</b>	Greater than 1
{Butyl Acetate = 1}	
<b>Specific Gravity</b>	0.90
<b>Flash Point</b>	23 ° Celsius {closed cup - literature value}
<b>Flammability Limits</b>	Lel = 1.0 %      Uel = 36.5 %
<b>Solubility in Water</b>	Immiscible
<b>Auto Ignition Temperature</b>	250 ° Celsius {literature value}

**INGREDIENTS**

CHEMICAL/SUBSTANCE NAME	CAS Number	Proportion % w/w
Aliphatic Esters	Not Known	60 - 100 %
Liquid Aromatic Hydrocarbons	Not Known	30 - 60 %

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## HEALTH HAZARD INFORMATION

## HEALTH EFFECTS - ACUTE

Swallowed	Can cause irritation to the mouth, throat and stomach. Harmful if swallowed.
Eyes	Can cause irritation to the eyes.
Skin	Can cause irritation to the skin. Harmful in contact with the skin.
Inhalation	Can cause irritation to nose, throat and respiratory tract. Harmful by inhalation.

## HEALTH EFFECTS - CHRONIC

Inhalation and Skin	Repeated or prolonged inhalation may lead to headaches, muscular weakness, drowsiness, vomiting, nausea and dizziness. Repeated or prolonged exposure may cause defatting of the skin and can result in dermatitis.
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## FIRST AID

Swallowed	If swallowed, and only if the person is conscious, give water to drink. <b>DO NOT</b> induce vomiting. Seek <b>URGENT</b> medical attention if frothing the mouth occurs.
Eyes	If splashed into eyes, irrigate copiously with water for at least 15 minutes. Seek immediate medical attention if irritation persists.
Skin	If skin contact occurs, remove contaminated clothing and wash thoroughly with soap and water. Seek medical attention if any irritation occurs.
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.
First Aid Facilities	Clean water supply, barrier cream, soap and eye wash stations.
Advice to Doctor	If poisoning occurs, consult the Poisons Information Centre {Australia <b>13 1126</b> or New Zealand <b>(03) 4747000</b> } and have a copy of this Material Safety Data Sheet or label available. Treat the patient symptomatically.
Other Information	Immerse all contaminated clothing in water for 24 hours and do not <u>re-use</u> until it has been laundered.

## PRECAUTIONS FOR USE

## ENGINEERING REQUIREMENTS

Exposure Standards	Aliphatic Esters = Not Known	Liquid Aromatic Hydrocarbons = Not Known
Engineering Controls	When applying 2 PACK THINNER D606, ensure there is adequate ventilation during the application period.	

## PERSONAL PROTECTION

Clothing {AS 2919}	The wearing of antistatic clothing made on natural or high temperature synthetic fibre is recommended during the application period.
Gloves {AS 2161}	The wearing of Viton, PVC or Neoprene gloves is recommended during the application period.
Eyes {AS - NZS 1337}	The wearing of safety glasses fitted with side shields or chemical splash goggles is recommended during the application period. Do not wear contact lenses.
Respiratory Equipment {AS - NZS 1715/1716}	The wearing of an <b>Organic Vapour Respirator</b> {Type A Class 2} is recommended during the application period.
Footwear {AS - NZS 2210}	The wearing of enclosed safety boots or safety shoes is recommended during the application period.
Hearing {AS - NZS 1270}	Not required.

## PROTECTIVE EQUIPMENT

Avoid breathing vapours and spray mists. Avoid contact with eyes and skin. Wear the recommended personal protective clothing as described in this Material Safety Data Sheet.

## FLAMMABILITY

Flammable liquid. Avoid heat, sparks, ignition sources and naked flames.  
**NO SMOKING.**

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## SAFE HANDLING INFORMATION

## STORAGE AND TRANSPORT

- Storage Requirements** Containers should be clearly labelled, rigid and strong. Store upright in a cool, dry, well ventilated area away from all heat, ignition sources and direct sunlight. e.g. Flammable Goods Store or Cabinet.
- Storage Regulations** Store in accordance with the Australian Standard {AS 1940} - The Storage and Handling of Flammable and Combustible Liquids.
- Transport Requirements** Classified by the current edition " Australian Code for the Transport of Dangerous Goods by Road and Rail " {ADG} - PAINT RELATED MATERIAL - THINNERS, UN1263, Class 3, HAZCHEM 3[Y], Packing Group III, Initial Emergency Response Guide 15.  
Dangerous goods of Class 3 {Flammable Liquid} are incompatible in a placard load with any of the following :-  
Class 1  
Class 2.1, if both Class 3 and Class 2.1, dangerous goods in bulk  
Class 2.3  
Class 4.2  
Class 5.1 and Class 5.2  
Class 6, if the Class 3, dangerous goods is nitromethane  
Class 7

## SPILLS AND DISPOSAL

- Spills** Contain all spills. Prevent contamination of waterways and sewage. Remove all sources of heat and ignition. **DO NOT** smoke during the clean-up procedure. Use sand, earth or earth non-reactive absorbent material {not sawdust} to absorb all spillages. Wash remaining residues with detergent and excess water.
- Disposal** Keep unwanted paint and residues in labelled and sealed containers for disposal via special waste collection services.

## FIRE/EXPLOSION HAZARD

## List of Dangerous Decomposition or Combustion Products

- May produce toxic gases including carbon monoxide if burning occurs in a confined space. On heating, containers can rupture and explode.
- Fire Fighting Procedures** Evacuate all non fire-fighter personnel. Turn off all electricity and power supplies. Keep containers cool with water spray or water fog to prevent rupture or burning. Move away all containers and equipment from the direction of the fire, if safe to do so.
- Extinguishing Media** Carbon Dioxide {CO<sub>2</sub>}, alcohol resistant foam, dry chemical, water spray and water fog. It is essential that fire-fighters should wear contain self-contained breathing apparatus when fighting the fire.
- Reactivity** No known hazardous reactions or polymerization will occur.
- HAZCHEM CODE** 3[Y]
- Other Precautions** Immerse all unwanted rags and cloths in water prior to disposal. Do not incinerate empty containers.

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**OTHER INFORMATION****WORKSAFE CLASSIFICATION**

**Hazard Category** The hazardous rating of 2 PACK THINNER D606 is harmful and irritating substance as defined by the current WORKSAFE-NOHSC documents.

**Risk Phrases** Flammable {R10}.  
Harmful by inhalation, in contact with the skin and if swallowed {R20/21/22}.  
Irritating to eyes, respiratory system and respiratory system {R36/37/38}.  
Harmful. May cause lung damage if swallowed {R65}.

**Safety Phrases** Keep away from heat and sources of ignition - NO SMOKING {S15/16}.  
Do not breathe spray mist or vapours {S22/23}.  
Avoid contact with skin and eyes {S24/25}.  
Wear recommended respiratory apparatus, protective clothing, gloves, hearing and eye/face protection {S36/37/39}.

**ENVIRONMENT** May be hazardous to the environment. Avoid contaminating waterways and sewage.  
Do not empty into drains {S29}.

**TOXICITY - Acute Lethal Effects**

**Substance{s}** Aliphatic Esters and Liquid Aromatic Hydrocarbons.  
**Oral LD<sub>50</sub> {rat}** ≥ 2000 milligrams/kilogram of body weight  
**Dermal LD<sub>50</sub> {rabbit}** ≥ 2000 milligrams/kilogram of body weight  
**Inhalation LC<sub>50</sub> {rat}** ≥ 5 milligrams/Litre/4 hours of body weight

**CONTACT** For further information, please contact POISONS INFORMATION CENTRE  
**Telephone :** {Australia} 13 1126  
{New Zealand} (03) 474 7000

**DISCLAIMER**

*Data provided is to the best of HiChem Paint Technologies' knowledge and believed accurate and reliable as of the date issued. However no expressed or implied warranties are given. HiChem cannot anticipate or control the conditions under which this information may be used. Therefore it is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their particular use.*