

# SAFETY DATA SHEET



SDS NO: 4017

## 1. IDENTIFICATION OF THE PRODUCT AND COMPANY

### Product Details:

**Product Name** 6.03 Thinner  
**Other Names(s)** Pitakote Thinner, Epoxy Thinner  
**Recommended Use** Thinner / Diluent  
**Product Code** 67603  
**DG Class/es** 3,6 and 9  
**UN No:** 1263

### Supplier Details:

**Company** APCO COATINGS (NZ) LIMITED  
**Address** 14 Ron Driver Place, East Tamaki, Auckland 2163, New Zealand  
**Telephone** 09 273 3041  
**Fax** 09 273 3045  
**E Mail** [contact@apconz.co.nz](mailto:contact@apconz.co.nz)  
**Web** [www.apcocoatings.co.nz](http://www.apcocoatings.co.nz)

### Emergency Telephone Numbers:

**NZ POISON** 0800 POISON (0800 764 766)  
**CHEMWATCH** 0800 CHEMCALL (0800 243 622)  
**NZ Emergency Services** 111

## 2. HAZARD IDENTIFICATION

### Hazard Classification of the mixture:

<b>Hazchem Category:</b>	3.1B, 3.1C, 6.1C, 6.1D, 6.1E, 6.3A, 6.3B, 6.4A, 6.7B, 6.8B, 6.9B, 9.1D, 9.3B, 9.3C
<b>GHS Classification &amp; Legend</b>	Information extracted from the Globally Harmonized System of Classification and Labelling of Chemicals (GHS) and the HSNO Act equivalent
<b>Determined By Chemwatch us-Inf:</b>	No Information at hand
<b>GHS/HSNO Criteria:</b>	
HSNO-Physical 3.1C Substance is harmful through combustion	
• GHS Category 3	
HSNO-Physical 3.1B Substance is harmful through combustion	
• GHS Category 2	
HSNO-Health 6.1C Substance is toxic if exposed through the skin, ingested or inhaled.	
• GHS Category 1, 2, and 3	
HSNO-Health 6.1D Substance is toxic if exposed through the skin, ingested or inhaled.	
• GHS Category 4	

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HSNO-Health 6.1E Substance is toxic if exposed through the skin, ingested or inhaled. <ul style="list-style-type: none"><li>GHS Category 5</li></ul>
HSNO-Health 6.3 A, Skin corrosion/irritation <ul style="list-style-type: none"><li>GHS Category 2</li></ul>
HSNO-Health 6.3B Skin corrosion/irritation <ul style="list-style-type: none"><li>GHS Category 3</li></ul>
HSNO-Health 6.4 A, Substance that is irritating to the eyes. <ul style="list-style-type: none"><li>GHS Category 2A-2B</li></ul>
HSNO-Health 6.7B, Substance is harmful as a carcinogen and may cause cancer <ul style="list-style-type: none"><li>GHS Category 2</li></ul>
HSNO-Health 6.8B, Substance is toxic to reproductive systems <ul style="list-style-type: none"><li>GHS Category 2</li></ul>
HSNO-Health 6.9B, Substance is toxic to specific organs through a single exposure <ul style="list-style-type: none"><li>GHS Category 2</li></ul>
HSNO-Health 9.1D, Substance is toxic to the aquatic environment <ul style="list-style-type: none"><li>GHS Category 2, 3 and 4</li></ul>
HSNO-Health 9.3B, Substance is toxic to terrestrial vertebrates <ul style="list-style-type: none"><li>GHS Category N/A</li></ul>
HSNO-Health 9.3C, Substance is toxic to terrestrial vertebrates <ul style="list-style-type: none"><li>GHS Category N/A</li></ul>

## Visible Identification:



**Danger Keep out of the reach of Children.**

## Hazard Statement:

As of March 2009, the relevant New Zealand regulations under the [Hazardous Substances and New Organisms Act 1996](#) do not specify the exact wording required for hazard statements. The following hazards recognised by the GHS apply to this product with the severity dependant on the exposure levels:

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## Physical Hazard (s)

H225: Highly flammable liquid and vapour.  
H226: Flammable liquid and vapour.

## Health Hazard (s)

H302: Harmful if swallowed  
H303: May be harmful if swallowed  
H305: May be harmful if swallowed and enters airways  
H312: Harmful in contact with skin  
H313: May be harmful in contact with skin  
H315: Causes skin irritation  
H316: Causes mild skin irritation  
H317: May cause an allergic skin reaction  
H319: Causes serious eye irritation  
H320: Causes eye irritation  
H332: Harmful if inhaled  
H334: May cause allergy or asthma symptoms or breathing difficulties if inhaled  
H335: May cause respiratory irritation  
H361: Suspected of damaging fertility or the unborn child  
H373: May cause damage to organs through prolonged or repeated exposure.

## Environmental Hazard (s)

H402: Harmful to aquatic life  
H432: Toxic to terrestrial vertebrates  
H433 Harmful to terrestrial vertebrates

No Information is available on the product in regards to aquatic toxicity.

## 3. COMPOSITION / INFORMATION OF INGREDIENTS

Components	CAS Number	Proportion
Xylene	1330-20-7	60-85%
Ethyl Benzene	100-41-4	6-26%
2-Methyl Propan-1-ol	78-83-1	8-15%
1-Methoxypropanol Acetate	108-65-6	5-15%
2-pentanone, 4- methyl	108-10-1	5-15%

## 4. FIRST AID MEASURES

### First Aid Measures:

**Eye Contact** Immediately flush eyes with plenty of water and remove contacts where possible, ensure that the eyes are flushed for 20 minutes with the eyes wide open. **If the person feels unwell or irritation persists then take those exposed to the doctor.**

**Skin Contact** Immediately wash affected area on the skin with soap and water for 20 minutes and ensure clothing and

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	footwear is removed immediately if possible. <b>Seek medical advice if large areas of skin are involved or irritation persists.</b>
<b>Inhalation</b>	Exposure to high vapor concentrations may cause eye and respiratory tract irritation, headaches, dizziness, nausea, uncoordination, drowsiness, and loss of consciousness. Immediately remove the person to a fresh air environment away from harm. <b>If their breathing is difficult give them oxygen and or give cardiopulmonary Resuscitation if breathing has stopped. if breathing difficulties persist take them to the doctor immediately.</b> Keep the victims head below their hips while vomiting.
<b>Ingestion (Swallowed)</b>	<b>Never give anything by mouth to an unconscious person. seek medical advice immediately</b>

**Advice to Doctors:** Treat symptomatically based on the degree and type of exposure.

**Emergency overview:**

- May be toxic if absorbed through the skin or inhaled.
- May cause severe eye and skin irritation.
- May cause respiratory tract sensitisation.

## 5. FIRE FIGHTING MEASURES

**Hazards from combustion products:**

This Product is flammable with flashpoint of 25°C.

**Extinguishing Media:**

Alcohol-resistant foam (preferred) if this is not available normal foam can be used, carbon dioxide (CO<sub>2</sub>) dry chemical, as extinguishing methods.

**Do not use water jets**

**Precautions in connection with fire:**

Fire Fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. In case of fire the product maybe violently or explosively reactive. Use water spray to disperse vapours

Do not allow run off from firefighting to enter drains or water courses, fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## 6. ACCIDENTAL RELEASE MEASURES

**Emergency Procedure:**

Clear area of all unprotected personnel and notify local authorities where contamination of sewers or waterways has occurred, advise local emergency services. Wear appropriate protective equipment and respirators where mist or vapors exist in unknown quantities.

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- If inhalation risk exists, use with local exhaust ventilation.
- Open windows and doors.
- Vapours are heavier than air.
- Place a barrier between the worker and the hazard.

**Large amounts:** Do not allow the product to enter drains, sewers or waterways. Dike and soak up with inert material such as dry sand, vermiculite, and activated charcoal. Remove liquid to containers for recovery using non sparking tools and equipment and separate inert material to containers away from the recovered liquid. Ensure the clean up of this material in accordance with local authority by laws.

**Disposal and cleaning of equipment:** Dispose of waste generated from the clean up of this material in accordance with local authority by laws. All cleaning aides and equipment must be cleaned without letting the waste run into waterways, drains and sewers etc.

**Methods and materials for containment and clean up:** Dispose of waste generated from the clean up of this material in accordance with local authority bylaws. All cleaning aides and equipment must be non sparking can be cleaned with water.

## 7. HANDLING AND STORAGE

Avoid contact with eyes and skin. Wear overalls, impervious gloves and safety glasses.

### Precautions for safe handling:

- Read product label and instructions before use
- Avoid skin and eye contact and breathing in vapour
- Wear chemical type approved safety goggles, and neoprene and impervious gloves and protective clothing.
- Wash hands with soap and water after use.

### Conditions for safe storage:

- Do not store near acids and keep away from oxidising agents
- Store in cool, dry, well ventilated place and out of direct sunlight
- Keep container tightly closed.
- Store at room temperature-do not freeze
- Keep away from heat and sources of ignition.
- Segregate from food and feed sources
- Avoid release to the environment.
- Do not contaminate drinking water, through storage or disposal.

## 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

### Health Exposure Standards: (N/A Not available in WES)

Source	Material Name	TWA	STEL	Peak	Notes
<b>New Zealand Workplace Exposure Standards (WES)</b>					

**Exposure Controls:** wear the appropriate PPE

Personal  
Protection



## 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Colourless clear liquid
Odour	no data available
Solubility in water (g/l)	Immiscible
Flash Point (°C)	25°C
Boiling Point (°C)	no data available
Melting point / freezing point (°C)	no data available
Vapour Pressure	no data available
Specific Gravity (Kg/Ltr)	0.81-0.91
% of Volatile (wt)	no data available
pH	N/A
VOC (g/l)	no data available

## 10. STABILITY AND REACTIVITY

Chemical Stability	Stable under normal conditions of storage and handling
Hazardous reactions	There is a possibility of explosion if subject to heat sources or open flame and sparks.
Reactivity	There is a possibility of hazardous reactions.
Conditions to avoid	Store away from, heat, flames and sparks. Do not store near strong oxidising agents
Hazardous decomposition products	Thermal decomposition may result in the release of toxic and/or irritating fumes
Incompatible materials	Avoid contact with strong oxidising agents and acids.

## 11. TOXICOLOGICAL INFORMATION

**Information on toxicological effects:**

- Harmful if swallowed and if it enters airways
- Harmful in contact with skin and could cause mild to serious skin irritation
- Mild to serious irritation when it comes in contact with eyes
- May cause allergy or asthma symptoms or breathing difficulties if inhaled and may cause a mild to serious reaction.
- This product has components within its composition that are suspected of causing cancer



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## Air Transport (ICAO-IATA / DGR):

UN Number	1263
Packing Group	III
UN proper shipping name	Thinner
Environmental hazard	Contain and follow spill information clause (6)
Transport hazard class(es)	Class 3,6 and 9 and must comply with AirCivil Aviation Rule Part 92, ICAODangerous GoodsNZ and International
Special precautions	N/A

## Sea Transport (IMDG-Code / GGV See):

UN Number	1263
Packing Group	III
UN proper shipping name	Thinner
Environmental hazard	Contain and follow spill information clause (6)
Transport hazard class(es)	Class 3,6 and 9 and must comply with Sea Maritime Rule 24A and IMDG Dangerous Goods NZ and International
Special precautions	N/A

## 15. REGULATORY INFORMATION

### Reference material:

- EPA January 2012 EPA0094, Labelling of hazardous substance.
- EPA January 2012 EPA0125, Correlation between GHS and New Zealand HSNO Hazard Classes and Categories.
- HSNO act 1996 and Dangerous Goods 2005 and all subsequent amendments.
- Workplace Exposure Standards for Airborne contaminants (ISBN 978-1-74361-055-8) Online pdf
- Health and Safety at Work Act 2015 and the Health and Safety at work Regulations 2016
- Sea Maritime Rule 24A and IMDG Dangerous Goods NZ and International
- AirCivil Aviation Rule Part 92, ICAODangerous GoodsNZ and International
- Rail Land Transport Rule 45001/1 & NZS 5433



## 16. OTHER INFORMATION

### Definitions and abbreviations:

<b>CAS No</b>	Chemical Abstract Number
<b>ERMA</b>	Environmental Risk Management Authority
<b>PC-TWA</b>	Permissible Concentration – Time Weighted Average
<b>PC-STEL</b>	Permissible Concentration – Short Term Exposure Limit
<b>HSNO</b>	Hazardous Substance and New Organisms
<b>WES</b>	Workplace Exposure Standard
<b>TEEL</b>	Temporary Emergency Exposure Limit
<b>IDLH</b>	Immediately Dangerous to Life or Health Concentrations
<b>OSF</b>	Odor Safety Factor
<b>NOAEL</b>	No Observed Adverse Effect Level
<b>LOAEL</b>	Lowest Observed Adverse Effect Level
<b>TLV</b>	Threshold Limit Value
<b>LOD</b>	Limit Of Detection
<b>OTV</b>	Odor Threshold Value
<b>BCF</b>	BioConcentration Factors
<b>BEI</b>	Biological Exposure Index
<b>STEL</b>	Short Term Exposure Limit

### Note:

The information in this SDS was obtained from sources, which we believe were reliable at the time of creating this SDS. However, the information is provided without any presentation or warranty, expressed or implied, regarding its accuracy. The information and recommendations herein, are to the best of our knowledge, true and accurate. No Warranty, express or implied is made or intended.