

ETHYL ACETATE

Classified as Hazardous in accordance to criteria of Worksafe Australia

COMPANY DETAILS**HiChem Paint Technologies Pty Ltd**

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Website: www.hichem.com.auEmail: msdsinfo@hichem.com.au**IDENTIFICATION**

Product Name	ETHYL ACETATE
Product Number	EA
Proper Shipping Name	ETHYL ACETATE
U.N. Number	1263
Dangerous Goods Class	3
HAZCHEM Code	3[Y]E
Initial Emergency Response Guide	18
Packing Group	II
Poison Schedule Number	Not Scheduled
Product Use	Ethyl Acetate is an organic solvent may be used for thinning recommended products.

PHYSICAL DESCRIPTION AND OTHER PROPERTIES

Appearance	Colourless liquid
Initial Boiling Point	77° Celsius {literature value}
Vapour Pressure	Greater than 1
{Butyl Acetate = 1}	
Specific Gravity	0.90
Flash Point	23 ° Celsius {closed cup - literature value}
Flammability Limits	Lel = 1.0 % Uel = 7.0 %
Solubility in Water	Immiscible
Auto Ignition Temperature	400 ° Celsius {literature value}

INGREDIENTS

CHEMICAL/SUBSTANCE NAME	CAS Number	Proportion % w/w
Ethyl Acetate	141-78-6	60 - 100 %

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HEALTH HAZARD INFORMATION

HEALTH EFFECTS - ACUTE

Swallowed May cause irritation to the mouth, throat and stomach.
Eyes May cause irritation to the eyes.
Skin May cause irritation to the skin.
Inhalation May cause irritation to nose, throat and respiratory tract.

HEALTH EFFECTS - CHRONIC

Inhalation and Skin Repeated or prolonged inhalation may lead to headaches, muscular weakness, drowsiness, vomiting, nausea and dizziness.

FIRST AID

Swallowed If swallowed, and only if the person is conscious, give water to drink. **DO NOT** induce vomiting. Seek **URGENT** 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 **13 1126** or New Zealand **(03) 4747000**} 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 re-use until it has been laundered.

PRECAUTIONS FOR USE

ENGINEERING REQUIREMENTS

Exposure Standards Ethyl Acetate = 1440 mg/m³.
Engineering Controls When applying ETHYL ACETATE, 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 **Organic Vapour Respirator** {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 the vapour. Avoid contact with eyes and skin. Wear the recommended personal protective clothing as described in this Material Safety Data Sheet.

FLAMMABILITY

Highly 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} - ETHYL ACETATE, UN1173, Class 3, HAZCHEM 3[Y]E, Packing Group II, Initial Emergency Response Guide 18. 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 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 ₂ }, 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]E.
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 ETHYL ACETATE is an irritating substance as defined by the current WORKSAFE-NOHSC documents.

Risk Phrases Highly Flammable {R11}.
Irritating to eyes, respiratory system and respiratory system {R36/37/38}.

Safety Phrases Keep away from heat and sources of ignition - NO SMOKING {S15/16}.
Do not breathe the vapour {S23}.
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} Ethyl Acetate.
Oral LD₅₀ {rat} ≥ 2000 milligrams/kilogram of body weight
Dermal LD₅₀ {rabbit} ≥ 2000 milligrams/kilogram of body weight
Inhalation LC₅₀ {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.