

Material Safety Data Sheet

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Issued by HYCHEM JANUARY 2010
Product Name: **HYCHEM TL 5 SP RESIN**

Classified as Hazardous according to criteria of NOHSC

COMPANY DETAILS

Company Name HYCHEM INTERNATIONAL P/L
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IDENTIFICATION

Product Name HYCHEM TL 5 SP RESIN
Proper Shipping Name None Allocated
UN Number None Allocated
DG Class None Allocated
Packing Group None Allocated
Hazchem Code None Allocated
Poisons Schedule S5
Product Use Paste like epoxy resin

Physical Data

Appearance White paste
Melting Point Not available
Boiling Point Not available
Vapour Pressure not known
Specific Gravity 1.3
Flash Point >200°C (Closed cup)
Flamm Limit LEL Not available
Flamm. Limit UEL Not available
Solubility in Water Insoluble

Other Properties

Corrosiveness Not corrosive to aluminium
pH Value 7
Stability Stable under normal conditions of use.
Haz. Will not occur.
Polymerization Materials to Avoid Strong oxidising agents and acids and bases

Ingredients

Ingredients	Name	CAS	Proportion
	Bisphenol A Epoxy Resin	25068-38-6	30 – 60 %
	Bisphenol F Epoxy resin	9003-36-56	30 – 60 %
	p-tertbutylphenylglycidialether	3101-60-8	10 – 30 %



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HEALTH HAZARD INFORMATION

Health Effects

Acute – Swallowed	May cause irritation to the mouth, oesophagus and stomach. Symptoms can include nausea, headaches, vomiting, and abdominal pain.
Acute - Eye	Will cause severe irritation in contact with the eyes, which can result in redness, stinging, lachrymation and possible corneal injury.
Acute – Skin	Will cause irritation in contact with the skin, which can result in redness, itching and possible contact dermatitis. May cause sensitisation by skin contact.
Acute - Inhaled	May cause irritation to the mucous membrane and upper airways in individuals with existing respiratory disorders.
Chronic	Repeated or prolonged exposure to this material will result in skin irritation leading to dermatitis. Inhalation of vapours may result in asthma-like symptoms in individuals with existing respiratory disorders.

First Aid

Swallowed	DO NOT induce vomiting. Immediately wash out mouth with water and then give plenty of water to drink. Seek medical attention.
Eye	If contact with the eye(s) occurs, wash with copious amounts of water for approximately 15 minutes holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Seek immediate medical attention.
Skin	Remove all contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap for 15 minutes. Ensure contaminated clothing is washed before re-use or discard. If irritation develops, seek medical attention.
Inhaled	Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. If irritation develops, seek medical attention.
First Aid Facilities	Eye wash and normal washroom facilities.

Advice to Doctor

Advice to Doctor	Treat symptomatically or consult a Poisons Information Centre.
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Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits	No exposure standards have been established for this material by the National Occupational Health and Safety Commission (NOHSC).
Eng. Controls	Natural ventilation should be sufficient, however where vapours are generated the use of a mechanical exhaust ventilation system is recommended.

Personal Protection

Respirator Type (AS 1716)	Where ventilation is inadequate, the use of an Air Purifying Respirator with an Organic Vapour filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended.
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Eye Protection

The use of chemical goggles or safety glasses with side shield protection is recommended.

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Glove Type

The use of Neoprene or PVC gloves is recommended.

Flammability**Fire Hazards**

Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purpose of storage and handling, in accordance with the requirements of AS1940. Do not smoke while using this product.

SAFE HANDLING INFORMATION**Storage and Transport****Storage Precautions**

Store in a cool dry place, out of direct sunlight. Avoid contact with incompatible materials that support combustion, such as strong oxidising agents.

Transport

Not classified as a Dangerous Good, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (6th Edition).

Storage Regulations

This material is a SCHEDULED (S5) POISON and must be stored, handled and maintained according to the appropriate Commonwealth Regulations.

Handling

Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Ensure a high level of personal hygiene is maintained when using this product ie. always wash hands before eating, drinking, smoking or using the toilet.

Proper Shipping

None allocated

Name**EPG Number****IERG Number****Spills and Disposal****Spills & Leaks**

Remove all sources of ignition. Increase ventilation. Wear sufficient respiratory protection and full protective clothing to minimise skin exposure. If possible, contain the spill. Place inert absorbent such as vermiculite, sand or dirt onto material. Use clean non-sparking tools to collect the material and place into a suitable labelled container. Do not dilute material but contain. Mop up the remaining material and place into the same container. If large quantities of this material enter the waterways, contact the Environmental Protection Authority or your local Waste Management Authority.

Disposal

Disposal of this material should be undertaken by a registered chemical disposal company.

Fire/Explosion Hazard**Fire/Explos. Hazard**

Product as received will not present a dust explosion hazard. However, should cured material be machined or sanded, a dust explosion hazard may be created. Therefore all dust generated should be removed as quickly as possible, preferably by using a vacuum cleaner.

Hazardous Combustion

Oxides of carbon and other possibly toxic gases and vapours on burning.

Products
Fire Fighting
Precautions

Wear Self-Contained Breathing Apparatus (S.C.B.A.) and full protective clothing to minimise skin exposure.

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Extinguishing Media Water mist, foam CO2 or dry powder.
Hazardous Reaction
Hazchem Code None allocated

OTHER INFORMATION

Toxicology No toxicity data is available for this material.
Environmental Protection Prevent this material entering waterways, drains and sewers.
Risk Statement R43 May cause sensitization by skin contact. R36 / 38 irritating to eyes and skin.
Safety Statement S2 Keep out of reach of children. S23 Do not breathe gas / fumes / vapour / spray. S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre. S38 If insufficient ventilation, wear suitable respiratory equipment. S24 / 25 Avoid contact with skin and eyes. S37 / 39 Wear suitable gloves and eye/face protection.
Hazard Category Irritant

CONTACT POINT

Contact Technical Manager
Ph: (02) 9548 2186

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