

PASCO CONSTRUCTION SOLUTIONS PTY. LTD.

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HAZARD IDENTIFICATION

The product is classified as **Hazardous Substance** in accordance to Safe Work Australia.

Risk Phrases R

- 40 Limited evidence of a carcinogenic effect.
43 May cause sensitization by skin contact.
53 May cause long term adverse effects in the aquatic environment.
65/66/67 Harmful. May cause lung damage if swallowed. Repeated or prolonged exposure may cause skin dryness and cracking. Vapours may cause headaches, drowsiness and dizziness.

Safety Phrases S

- 2 Keep out of reach of children.
7/9 Keep containers tightly closed when not in use and also in a well ventilated area.
15 Keep away from heat.
16/33 Keep away from sources of ignition. Take precautionary measures against static electricity.
20/21 When using, do not eat, drink or smoke.
23.2 Do not breathe the vapours.
24/25 Avoid skin contact and with the eyes.
26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
27 Take off immediately all contaminated clothing.
28.1 In contact with the skin, wash immediately soap and plenty of water.
36/37/38/39 Wear protective clothing, including enclosed footwear, PVC or Neoprene gloves, organic vapour respirator including eye and face protection.
45 In case of accident, or if you feel unwell, seek medical advice immediately. Show the label where possible.
49 Keep only in the original container.
62 If swallowed, do not induce vomiting: seek medical advice immediately. Show the label where possible.
ADG Classification Deemed as a Non Dangerous Goods in the accordance of the current edition of "Australian Code for the Transport of Dangerous Goods Code by Road and Rail".
SUSDP Not classified as a Schedule poison.

IDENTIFICATION of the INGREDIENT(S) and COMPOSITION

Product Name	HYPERSIL 911	Code	
Product Use	A single pack, polysiloxane filler/sealer coating, applied by caulking gun onto roofs and other concrete surfaces.		
Ingredients	Name	CAS Number	Proportion w/w
	Methyl Ethyl Ketoxime	96 – 29 – 7	1.0 – <10 %
	Polymeric Siloxane Resin	Not Known	60 – 100 %
	Additives (Non – Hazardous)	Not Known	1.0 – <10 %

FIRST AID MEASURES

Inhalation	If the applicator feels drowsy, dizzy, tired or experiencing headaches, remove the victim away from the contaminated area to the fresh air. Keep the victim warm and quiet until all symptoms subside. If the victim is not breathing, apply artificial respiration immediately away from contaminated area.
Ingestion	If swallow, and only if the person is conscious, give water to drink. DO NOT induced vomiting; seek URGENT medical attention if frothing from the mouth occurs.
Eyes	If splashed into eyes, hold eyelids apart, and flush the eye continuously with running water for at least 15 minutes. Continue flushing until advised to stop by a doctor.
Skin and Hair	If skin and hair contact occurs, remove contaminated clothing, and wash thoroughly with soap and plenty of water. Continue flushing until advised to stop by a doctor.
First Aid Facilities	Clean Water Supply, soap or skin cleaner, barrier cream, emergency showers and eye wash stations.
Advice to Doctor	If poisoning occurs, consult with the Poisons Information Centre {Telephone 13 11 26 }. Have a copy of this material safety data sheet or label available. Treat symptomatically as symptoms may be delayed for several hours after exposure.



FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Carbon Dioxide {CO ₂ }, alcohol resistant foam, dry chemical or water spray. DO NOT use water jets. Bund area with sand to prevent run – off entering waterways, sewage and drains.
Hazardous Decomposition Products	On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon oxides above the boiling point.
Specific Hazards	Combustible Liquid. Flash Point = >200 °C. Vapours may form explosive/air mixture.
Precautions in connection with Fire	Fire – fighters should wear Chemical Splash Suit with attached Self – Contained Breathing Apparatus, eye and face protection and gloves. Evacuate all non fire–fighting personnel away from the area. Turn off all electricity and power supplies. Keep containers cool with water spray or water to prevent rupture or burning. Move away all containers and equipment from the direction of the fire, if safe to do so. Keep upwind.

ACCIDENTAL RELEASE MEASURES

Emergency Procedures - Spills and Leaks	Contain all spills and leaks. Avoid contamination with spilt material on surfaces or entering waterways, drains and sewage. Remove all sources of ignition and NO SMOKING . Wear the recommended full body impervious clothing, gloves and breathing apparatus as per AS – NZ 1715/16. Keep upwind. Absorb all spilt contents onto sand or earth. Ensure there is adequate ventilation at all times during the cleaning up period.
Disposal	Collect all residues into labelled and sealed containers for disposal via special waste collection services as per local Waste Management or Statutory Authorities' requirements.
Other Precautions	Ensure there is adequate ventilation at all times.

HANDLING and STORAGE

Precautions for Safe Handling	Combustible liquid. Remove all ignition sources. Wear the recommended Personal Protective Equipment including organic vapour respirator, eye/face protection, protective clothing and gloves. Ensure there is adequate ventilation at all times. Avoid unnecessary contact with the material. After use before eating, drinking or smoking wash all exposed skin and hair with soap and water. Keep out of reach of children.
Conditions of Safe Storage	Containers must be clearly labelled, tightly closed, rigid and strong. Store upright in a cool, dry, well ventilated area from heat, ignition sources and direct sunlight e.g. Flammable Goods Store as per AS 1940 requirements.

EXPOSURE CONTROLS

Exposure Standards MAK	No data available for Methyl Ethyl Ketoxime.
Exposure Standards STEL	No data available.
Biological Limit Values	There are no known Biological Limit Values have been assigned.
Engineering Controls	When handling, mixing and application, used in a well ventilated area. Ensure all equipment is flame – proof. Do not use in a confined area.

PERSONAL PROTECTION – APPLICATION

Inhalation

AS –NZS

1715/16

Eye

AS –NZS 1337

The wearing of an Organic Vapour Respirator **should** be worn at all times during mixing, handling and application period.

The wearing of face shield or safety glasses fitted with side shields **should** be worn at all times during the mixing, handling and application period. Do not wear contact lenses.

Gloves

AS –NZS 2161

Footwear

AS –NZS 2210

Clothing

AS –NZS 2919

The wearing of Viton or PVC gloves **should** be worn at all times during the handling and spray application period.

The wearing of enclosed footwear **should** be worn at all times during the handling and application period

The wearing of anti-static clothing made on natural or synthetic high temperature fibre **should** be worn at all times during the handling and application period

Not required

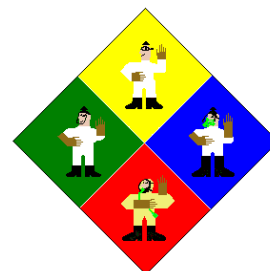
Hearing

AS –NZS 1270

Other

Requirements

Avoid contact with eyes and skin. Avoid inhaling vapours at all times



PHYSICAL – CHEMICAL PROPERTIES

Appearance

A viscous liquid with a strong odour.

pH

Not required

Vapour Pressure

Less than 1

(Butyl Acetate = 1)

Vapour Density

Not Known

Boiling Point °C

> 250 ° Celsius

Density

1.05

Solubility in

Immiscible

water

Flash Point °C

> 200 ° Celsius

Flammability

Lower Explosive Limit = Not Known

Upper Explosive Limit = Not Known

Limits

Auto Ignition °C

Not Known

Volatile

Not Known.

Components

STABILITY and REACTIVITY

Chemical

Stable under normal conditions of use.

Stability

Conditions to

Avoid contact with heat and all ignition sources.

avoid

Hazardous

On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon oxides above the boiling point.

decomposition

products

Incompatible

Strong acids and alkalies, oxidizing agents.

materials

Hazardous

Will not polymerize since the material is supplied as polymeric coating

Polymerization

TOXICOLOGICAL INFORMATION

<i>Toxicity Information</i>	<i>Risk Phrase</i>	<i>Methyl Ethyl Ketoxime</i>
Inhalation	20	No data available
LC ₅₀ rat		
Dermal	21	0.2 mg/kgm.
LD ₅₀ rabbit		
Oral	22	930 mg/kgm.
LD ₅₀ rat		

Acute Oral Toxicity (rat)	Low toxicity. Aspiration into lungs when swallowed or vomited may cause chemical pneumonitis which can be fatal.
Acute Dermal Toxicity (rabbit)	Low toxicity.
Acute Inhalation Toxicity (rat)	Low toxicity. High concentrations may cause central nervous system depression resulting in headaches, dizziness and nausea; continued inhalation may result in unconsciousness and/or death.

OTHER TOXICOLOGICAL INFORMATION (CONTINUED)

Health Effects

Inhalation	Other symptoms may cause central nervous system depression resulting in headaches, dizziness, nausea, loss of co-ordination, impaired judgement.
Ingestion	Large quantities may cause nausea and vomiting. Harmful. May cause lung damage if swallowed.
Eyes	Irritating to the eyes, including burning sensation, redness, swelling and/or blurred vision
Skin	Skin may be sensitized on prolonged and repeated exposure. Also can have degreasing effect on the skin may result in contact dermatitis. Repeated or prolonged exposure may cause skin dryness and cracking.
Carcinogenic	Limited evidence of a carcinogenic effect.
Mutagenic	Not mutagenic in animal studies.
Reproductive Toxicity	No data available.

ECOLOGICAL INFORMATION

<i>Ecotoxicity</i>	May cause long – term adverse effects in the aquatic environment (R53).
<i>Persistence/Degradability</i>	No data available.
<i>Mobility</i>	No data available.
<i>Environment Protection.</i>	Not Known

DISPOSAL CONSIDERATIONS

Collect all residues and placed into labelled and sealed containers. Do not incinerate empty containers after use. Dampen all unwanted cloths and rags in water prior to disposal. Do not recycle contents or spent containers. Crush all small empty containers. Larger containers and drums may be sent to an approved drum recycler. Ensure all contents do not pollute waterways, drains and other water courses.

TRANSPORT INFORMATION

<i>UN number</i>	Not Required		
<i>Proper Shipping Name</i>	Non – Dangerous Goods		
<i>Class</i>	Not Required	<i>Subsidiary Risk</i>	Not Required
<i>Packing Group</i>	Not Required		
<i>Emergency Procedures</i>	3900	<i>Initial Emergency Response Guide</i>	47
<i>HAZCHEM</i>	Not Required		
<i>IMDG</i>			

REGULATORY INFORMATION

<i>Regulatory Information and Hazard Category</i>	The product is classified as a Hazardous Substance in accordance to Safe Work Australia as a Harmful Substance.
<i>SUSDP Classification</i>	Not Classified as a Schedule Poison.

OTHER INFORMATION

<i>Literature References & Sources of Data</i>	The available literature references and sources of data on the ingredients used in this manufactured product are from our current suppliers'. The product is an imported material. Since Pasco Construction Solutions Pty. Ltd. has no control over the information being supplied.
<i>Emergency Contact</i>	Poisons Information Centre 13 11 26 Pasco Construction Solutions P.L. 03 9429 9111 B.H. 0431 789 689 A.H.

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