

HiChem Paint Technologies Pty. Ltd.

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Email: msdsinfo@hichem.com.auWebsite: www.hichem.com.au**IDENTIFICATION of the SUBSTANCE(S) and COMPOSITION**

Product Name	PROTECTA SEAL KNIFING GRADE	Code	PSK
Product Use	A bituminous, waterproofing compound applied by spatula on various automotive substrates.		
Ingredients	Name	CAS Number	Proportion w/w
	Crystalline Silicon Dioxide (Encapsulated)	7631 – 86 – 9	10 – 30 %
	Extender Pigments (Non-Hazardous)	Not Known	30 – 60 %
	Xylene	1330 – 20 - 7	1 – 10 %
	Bituminous Resins (Non-Hazardous)	Not Known	30 – 60 %
	Additives (Non-Hazardous)	Not Known	1 – 10 %

HAZARD IDENTIFICATION

The product is classified as both Non Hazardous Substance and Non Dangerous Goods as classified by Worksafe - National Occupational and Health Safety Commission criteria.

Chronic Risk .No assigned risk phrases in this product.

Acute

Skin Risk No assigned risk phrases in this product

Inhalation Risk No assigned risk phrases in this product

Ingestion Risk No assigned risk phrases in this product

ADG Deemed as Non Dangerous Goods in accordance with the current edition of

Classification “Australian Code for the Transport of Dangerous by Road and Rail”.

SUSDP Not Classified as a Scheduled Poison.

Classification

FIRST AID MEASURES

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.
Ingestion	If swallowed and only if the person is conscious, give water to drink. DO NOT induce vomiting. Seek URGENT medical attention if frothing from the mouth occurs.
Eyes	If splashed into eyes, hold eyes open, irrigate copiously with clean water for at least 15 minutes. Seek immediate medical attention if any irritation occurs.
Skin	If skin contact occurs, remove contaminated clothing, and wash thoroughly with soap and plenty of water. Seek medical attention if any irritation occurs.
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.



FIRE FIGHTING MEASURES

***Extinguishing Media and Requirements
Fire Fighting Procedures & Precautions***

Carbon Dioxide {CO₂}, alcohol resistant foam, dry chemical or water spray. **DO NOT** use water jets. Bund area with sand to prevent run – off entering waterways and drains.

Fire – fighters should wear Chemical Splash Suit with attached Self – Contained Breathing Apparatus 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.



Flammability Hazardous Decomposition Products

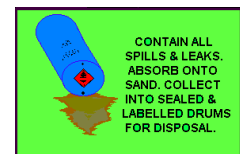
Will burn in a fire. Flash Point => 61 °C.

On heating, containers may rupture and explode: contents may burn rapidly forming toxic gases including carbon monoxide.

ACCIDENTAL RELEASE MEASURES

Spills and Leaks

Contain all spills and leaks. Avoid contamination with spilt material on surfaces. 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.



Disposal

Collect all residues into labelled and sealed containers for disposal via special waste collection services as per local Statutory Authority requirements.

Other Precautions

Avoid contaminating waterways, drains, water courses and sewage.

HANDLING and STORAGE

Handling

Keep out of reach of children. Avoid unnecessary contact with the material. After use before eating, drinking or smoking wash all exposed skin with soap and water.

Storage

Containers must be clearly labelled, 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
Engineering Controls***

Xylene = 350 mg/m³.

When applying PROTECTA SEAL KNIFING GRADE, ensure there is adequate ventilation during the application period. Do not used in a confined space.

PERSONAL PROTECTION

Inhalation
AS –N.ZS 1715/16
Eye
AS –N.ZS 1337

Gloves
AS –N.ZS 2161
Footwear
AS –N.ZS 2210
Clothing
AS –N.ZS 2919

Hearing
AS –N.ZS 1270
Other Requirements

The wearing of an Organic Vapour Respirator is recommended during the application period.
The wearing of safety glasses fitted with side shields is recommended during the application period. Do not wear contact lenses.

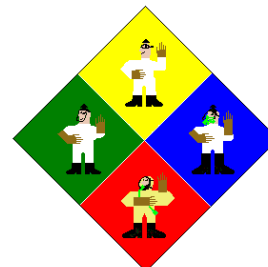
The wearing of Viton or PVC gloves is recommended during the application period.

The wearing of enclosed footwear is recommended during the application period.

The wearing of anti-static clothing made on natural or synthetic high temperature fibre during the application period

Not Required.

Avoid contact with eyes and skin. Wear the recommended Personal Protective Equipment as described.

**PHYSICAL – CHEMICAL PROPERTIES**

Appearance
pH
Vapour Pressure
(Butyl Acetate = 1)
Boiling Point °C
Density
Solubility in water
Flash Point °C
Flammability Limits
Auto Ignition °C
Volatile Components

A black coloured paste with a mild odour.

Not required.

Not Known

Not Known

1.5 (calculated value)

Immiscible

> 61 °C {literature value}

Not Known

Not Known

Organic Solvents

STABILITY and REACTIVITY

Chemical Stability
Hazardous
Polymerization
Conditions to avoid
Incompatible materials
Hazardous decomposition products

Stable under normal conditions of use.

Will not polymerize.

Avoid contact heat and all ignition sources.

Incompatible with strong oxidizing agents

Stable.

TOXICOLOGICAL INFORMATION

Inhalation LC₅₀ rat Organic Solvents > 20mg/Litre for 4 hours
Skin LD₅₀ rabbit Organic Solvents > 400 mg/kilogram bodyweight/day
Ingestion LD₅₀ rat Organic Solvents > 200 mg/kilogram bodyweight/day
Eyes & Skin No data for organic solvents.
Inhalation No data for organic solvents
Sensitization No data for organic solvents.
Health Effects No data for organic solvents.

ECOLOGICAL INFORMATION

Environment No data available.

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

UN number	Not Required		
Proper Shipping Name	NON DANGEROUS GOODS		
Class	Not Required	Subsidiary Risk	Not Required
Packing Group	Not Required		
Emergency Procedures	EP 3999	Initial Emergency Response Guide	Not Known
HAZCHEM	Not Required		
IMDG			

**REGULATORY INFORMATION**

Risk Phrases R There are no assigned risk phrases in this product

Safety Phrases S 7/9 Keep containers closed and in a well ventilated area when not in use.
 23.3 Avoid breathing vapours.
 24/25 Avoid contact with skin and eyes.
 36/37/38/39 Wear recommended Personal Protective Equipment – protective clothing, gloves, boots, respirator and eye protection.

SUSDP Classification Not Classified as a Scheduled Poison

OTHER INFORMATION

Emergency Contact **Poisons Information Centre 13 11 26** **HiChem Paint Technologies (03) 9796 3400**

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