

Material Safety Data Sheet

CONPELL Pty Ltd.

Issue Date June 11, 2018

Pen Shield Supreme

Version 1

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SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

GHS Identifier: Masonry oil and water repellent
Trade Name: Pen Shield Supreme
Product Use: Concrete sealer.
Proper shipping name: Flammable liquid NOS
Product Code: CPPSS
Creation Date: June 2018

THIS VERSION ISSUED: JUNE 2018 AND IS VALID FOR 5 YEARS FROM THIS DATE.

Poisons Information Centre: Phone 13 1126 from anywhere in Australia

SUPPLIER CONTACT INFORMATION:

Name : Conpell Pty. Ltd.

Address : Unit 2, 4 Elderslie Drive, Yatala Qld 4207, PO Box 4252 Loganholme DC Qld 42129 **Telephone :** 61.1300 966 118

Website : www.conpell.com

Email : info@conpell.com

Emergency : 0433 400 220(24 hours, 7 days a week)

SECTION 2 - HAZARDS IDENTIFICATION

Hazardous Nature This product is classified as hazardous under GHS criteria. This material is Hazardous according to Safe Work Australia; HAZARDOUS SUBSTANCE.

GHS Classification Flammable Liquids, Category 3
Aspiration Toxicant, Category 1
Acute Toxicity – Inhalation:2, Dermal:2, Specific Target Organ Toxicity (Repeated exposure):1

GHS Pictograms



HAZARD STATEMENT

Hazard statements

FLAMMABLE LIQUID AND VAPOUR

H226: Flammable liquid and vapour.

H305: May be harmful if swallowed and enters airways.

H312: Harmful in contact with skin.

H315: Causes skin irritation.

H332: Harmful if inhaled.

H335: May cause respiratory irritation.

H336: May cause drowsiness or dizziness.

H373: May cause damage to organs through prolonged or repeated exposure.

AUH066: Repeated exposure may cause skin dryness or cracking.

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Precautionary statements Preventative	P102: Keep out of reach of children. P210: Keep away from heat/sparks/open flames/hot surfaces – No smoking. P243: Take precautionary measures against static discharge. P260: Do not breath dust/fumes/gas/mist/vapours/spray P262: Do not get in eyes, on skin, or on clothing. P273: Avoid release to the environment. P280: Wear protective gloves/eye protection/face protection.
Response	P301 + 330 + 331: : IF SWALLOWED: Rinse mouth, DO NOT induce vomiting. P301 + 312 + 101: Call a POISON CENTRE or Doctor/physician. If you fell unwell and have product container or label on hand. P391: Collect spillage.
Storage	P403 + P235: Store in well ventilated place. Keep cool. P405: Store locked up.
Disposal	P501: Dispose of contents/container in accordance with local regulations.
Dangerous Goods Classification:	3
Poisons Schedule:	5
Signal Word:	Warning

SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Proportion of ingredients
Naphtha (petroleum) light	64742-95-6	>50%
Contains: 1,2,4 Trimethyl benzene	95-63-6	<20%
Naphtha (petroleum), hydrodesulfurized heavy	64742-82-1	<10%
Contains: ,0.01% benzene		
Xylene	1330-20-7	>20%
Ethyl benzene	100-41-4	<10%
Rheology modifiers	various	< 5%
Fragrance	various	< 5%

SECTION 4 - FIRST AID MEASURES

General Information: You should call The Poisons Information Centre if you feel that you may have been poisoned, burned or irritated by this product. The number is 13 1126 from anywhere in Australia (0800 764 766 in New Zealand) or a doctor. Have this SDS with you when you call.

Inhalation: If inhaled remove from contaminated area. Apply artificial respiration if not breathing. If rapid recovery does not occur, transport to nearest medical facility for additional treatment. Remove contaminated clothing.

Skin Contact: Quickly and gently blot away excess liquid. Wash clothing and skin thoroughly with soap and clean water for 10-20 minutes, if sticky use water-less cleaner first. Remove contaminated clothing, including shoes and launder before reuse. If irritation persists, repeat flushing and seek medical attention.

Eye Contact: Immediately flush the contaminated eye(s) with gently flowing water for 15 minutes or until the product is removed, while occasionally lifting the upper and lower eyelids. If irritation persists obtain medical attention immediately. Take special care if exposed person is wearing contact lenses. Urgently get medical attention.

Ingestion: If swallowed, do NOT induce vomiting. Keep at rest. Seek immediate attention and contact a Poisons Information Centre.

First Aid Facilities: Provide eye baths and safety showers.

Advice to doctor. Treat symptomatically, avoid gastric lavage – aspiration of product to the lungs may result in chemical pneumonitis.

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SECTION 5 - FIRE FIGHTING MEASURES

Shut off product that may fuel a fire if safe to do so. Allow trained personnel to attend a fire in progress providing fire fighters with this material data sheet. Prevent extinguishing media from escaping to drains and waterways.

Suitable Extinguishing media: Alcohol resistant foam, or if unavailable, dry chemical or foam.

Hazards from combustion products: This product is flammable and has the potential to develop explosive mixtures with air with extreme heat.

Precautions for fire fighters and special protective equipment: Full protective clothing and self – contained breathing apparatus.

Hazchem code: ●3Y

SECTION 6 - ACCIDENTAL RELEASE MEASURES

EMERGENCY PROCEDURES

Prevent product from escaping to drains and waterways. Contain leaking packaging in a contained drum. Prevent vapours or dusts from building up in confined spaces. Ensure that drain valves are closed at all times. Clean up and report spills immediately.

METHODS AND MATERIALS

Major land spills:

- Eliminate sources of ignition.
- Warn occupants of downwind areas of possible fire and explosion hazard, where present.
- Prevent product from entering sewers, watercourses, or low-lying areas.
- Keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Advise authorities if substance has entered a watercourse or sewer or has contaminated soil or vegetation.
- Take measures to minimize the effect on the ground water.
- Contain the spilled product using the resources in the spill kit.
- Recover by pumping – use explosion proof pump or hand pump – or with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See “First Aid Measures” and “Stability and Reactivity”.

Major water spill:

- Eliminate any sources of ignition
- Warn occupants and shipping in downwind areas of possible fire and explosion hazard, where present.
- Notify the port or relevant authority and keep the public away from the area.
- Shut off the source of the spill if possible and safe to do so.
- Confine the spill if possible.
- Remove the product from the surface by skimming or with suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See “First Aid Measures” and Stability and Reactivity”.

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SECTION 7 - HANDLING AND STORAGE

Precautions for safe handling: This product will fuel a fire in progress and create toxic vapours on burning. This product will defat skin with prolonged contact. Wear appropriate PPE: chemical resistant gloves and coveralls. Employ standard industrial hygiene practices when handling this product.

Conditions for safe storage: Store in cool, dry place away from direct sunlight.. Do not pressurise, cut heat or weld containers. –residual vapours are flammable. This product is flammable and will fuel a fire in progress..

Incompatible Materials: Natural rubbers, neoprene, butyl and or nitrile, EPDM, Polystyrene.

SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

NATIONAL EXPOSURE STANDARDS: The time weighted average concentration (TWA) for this product is: 350mg/m³, (80ppm) which means the highest allowable exposure concentration in an eight hour day for a 5 day working week. The short term exposure limit (STEL) is 543mg/m³, (125ppm): which is the maximum allowable exposure concentration at any one time. Replacing a TWA or STEL value for some products is a Peak Limitation value (Peak): None applies in this case. In addition to the exposure concentrations may be a subsidiary caution in such cases where the product is a skin sensitizer, represented as (Sen), where none applies in this case.

BIOLOGICAL LIMIT VALUES (BLV): None specified.

ENGINEERING CONTROLS: **Ventilation** – The use of local exhaust ventilation is recommended to control process emissions near the source. Laboratory samples should be handled in a fume hood. Provide mechanical ventilation of confined spaces. Use explosion proof equipment.

PERSONAL PROTECTIVE EQUIPMENT **Respiratory Protection** – Where concentrations in air may approach or exceed the limit described in the National Exposure Standards, it is recommended to use a half-faced filter mask to protect from overexposure by inhalation. A type “A” filter material is considered suitable for this product.

Eye Protection – Always use safety glasses or a face shield when handling this product.

Skin/Body Protection – Always wear long sleeves, long trousers, or coveralls and enclosed footwear or safety boots when handling this product. It is recommended that chemical resistant gloves be worn when handling this product.

SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES:

Physical Description & colour:	Clear mobile liquid liquid.
SG/Density @15°C:	0.29g/ml:kgm ⁻³
Flammability:	Product is flammable
Boiling Point:	> 100°C:
Flash point:	36°C.
Percent Volatiles:	>70%
Vapour Pressure @20°C:	No data available
Vapour Density @20°C:	No data available
Specific Gravity:	0.80
Water Solubility:	Insoluble in water..
Explosive limits in Air:	No data available.
Autoignition temp:	>250°C.
Acidity/alkalinity as pH:	Neutral
Additional information:	Will absorb atmospheric water if not kept tightly sealed – this will condense the reactive resin rendering it un-usable.

Vales listed are indicative of this products physical and chemical properties. For a full product specification please consult the Technical Data Sheet.

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SECTION 10 - STABILITY AND REACTIVITY

Hazardous reactions: Strong oxidising agents, excessive heat, strong acids and bases.

Chemical stability: Stable under room temperature and pressure.

Possibility of Hazardous reactions: Oxidising agents, mineral acids, halogenated organic compounds.

Conditions to avoid: Excessive heat, strong oxidising agents.

Incompatible materials: Strong oxidizing agents.

Hazardous decomposition products: Carbon monoxide, carbon dioxide and decomposition or incomplete oxidation.

Hazardous polymerization: Will not occur

SECTION 11 - TOXICOLOGICAL INFORMATION

ACUTE EFFECTS:

Inhalation	Vapours at elevated temperatures will cause dizziness and drowsiness. Vapours at room temperature should be controlled through adequate (do not use in confined spaces) or mechanical ventilation.
Skin	Contact with this product can result in sensitization. Avoid contact with skin and observe first aid measures. Contact is likely to result in drying, itching, redness and swelling.
Eye	Contact with this product will cause redness and swelling with a burning sensation and blurred vision. Prolonged eye damage is possible with this product.
Ingestion	This material will cause irritation to the throat and tube to the stomach and may cause nausea. Vomiting may cause the product to be aspirated to the lungs possibly resulting in chemical pneumonitis.
Chronic Effects	Repeated or prolonged contact with this product will result in irritant contact dermatitis if PPE precautions are not observed.
Other health Effects Information	Persons with pre-existing skin or respiratory conditions will be sensitive to this product.
Toxicological Information	Oral LD50: RAT:> 2000 mg/kg Dermal LD50; Rabbit >2000 mg/kg.

SECTION 12 - ECOLOGICAL INFORMATION

Ecotoxicity:

Aquatic Toxicity:

Fish Toxicity LC50:	No data available.
Daphnia Magna EC50:	Cumene: 1400 µg/L.
Blue-green algae:	Cumene: 2600 µg/L:
Green algae:	No data available.

PERSISTENCE/BIODEGRADABILITY This product will evaporate on exposure to light and air.

MOBILITY This product is miscible with water and likely to contaminate grasslands, waterways and soil if release to the environment.

SECTION 13 - DISPOSAL CONSIDERATIONS

Disposal methods: Empty packaging should be taken for recycling, recovery or disposal through a suitably qualified or licensed contractor. Care should be taken to ensure compliance with national and local authorities. Packaging may still contain residue that may still be harmful. Ensure that empty packaging is managed in accordance with Dangerous Goods regulations.

Special precautions: This product is not suitable for disposal by either landfill or via municipal sewers, drains, natural streams or rivers. This product should be treated and disposed through chemical waste treatment, or considered for use in recycling.

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SECTION 14 - TRANSPORT INFORMATION

Road & Rail, Marine & Air Transport: Classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG) code for the transport by sea – DANGEROUS GOODS.

UN Number:	1263
UN Proper Shipping Name:	Paint & Paint related materials
DG Class	3
Subsidiary Risk:	None
Packing Group:	111
Hazchem Code:	●3Y

DANGEROUS GOODS SEGREGATION:

This product is regulated as Class 3, Dangerous Goods, Packing group 111.

SECTION 15 - REGULATORY INFORMATION

Country/Region	Australia
Inventory:	AICS
Status:	Listed
Poisons Schedule:	5

SECTION 16 - OTHER INFORMATION

Date of preparation or last revision of the MSDS **June 11 2018**

Reasons for issue: Upgrade to GHS SDS; amalgamated supplier and regulatory changes in all sections.

Acronyms:

AICS	Australian Inventory of Chemical Substances.
CAS number	Chemical Abstracts Service Registry Number
GHS:	Global Harmonised System.
IARC	International Agency for Research on Cancer
PPE	Personal Protective Equipment.
N/R	Non-regulated.
N/A	Not applicable.
UN Number	United Nations Number
Literature references	Safety data sheets from suppliers Hazardous Chemical Information System (HCIS) – ASCC Australia (on line) GHS (Globally Harmonised System of Substances Classification and Labelling) REACH (European Chemical Substance Information System) ADG Code 7 th Addition SUSMP N° 13

THIS SDS SUMMARISES OUR BEST KNOWLEDGE OF THE HEALTH AND SAFETY HAZARD INFORMATION OF THE PRODUCT AND HOW TO SAFELY HANDLE AND USE THE PRODUCT IN THE WORKPLACE. EACH USER MUST REVIEW THIS SDS IN THE CONTEXT OF HOW THE PRODUCT WILL BE HANDLED AND USED IN THE WORKPLACE.

IF CLARIFICATION OR FURTHER INFORMATION IS NEEDED TO ENSURE THAT AN APPROPRIATE RISK ASSESSMENT CAN BE MADE, THE USER SHOULD CONTACT THIS COMPANY SO WE CAN ATTEMPT TO OBTAIN ADDITIONAL INFORMATION FROM OUR SUPPLIERS

OUR RESPONSIBILITY FOR PRODUCTS SOLD IS SUBJECT TO OUR STANDARD TERMS AND CONDITIONS, A COPY OF WHICH IS SENT TO OUR CUSTOMERS AND IS ALSO AVAILABLE ON REQUEST.

Please read all labels carefully before using product.

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This SDS is prepared in accord with the SWA document "Preparation of Safety Data Sheets for Hazardous Chemicals - Code of Practice" (December 2011)

UEL: Upper flammable (explosive) limits in air.

UN Number United Nations Number.

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