

# Material Safety Data Sheet

CONPELL Pty Ltd.

Issue Date December 11, 2019

Pen Shield WB

Version 4

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## SECTION 1 - IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Chemical Nature:** Water based concrete sealing solution.  
**Trade Name:** Pen Shield WB  
**Product Use:** Concrete sealer.  
**Product Code:** CPPSWB  
**Creation Date:** December 2019

**THIS VERSION ISSUED: DECEMBER 2016 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

### Statement of Hazardous Nature

This product is not classified as hazardous according to the criteria of NOHSC.

Not subject to the ADG Code when transported in Australia by Road or Rail.

**UN Number:** N/A

**GHS Classification** Not hazardous: intentionally left blank.

**GHS Pictograms** Not hazardous: intentionally left blank.

**Hazard statement** Not hazardous: intentionally left blank.

**Hazard statements** Not hazardous: intentionally left blank.

**Precautionary statements** Not hazardous: intentionally left blank.

**Hazardous goods classification** NR.

**Poisons schedule** 5

**Signal warning** Warning.

## SECTION 3 - COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	CAS No	Proportion (%v/v)
Water	7732-18-5	>60
Acrylic copolymer emulsion	various	<20
Dispersant	various	<10
Coalescents	various	<5
Rheology modifiers	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) and is available at all times. Have this SDS with you when you call.

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**Ingestion:** If swallowed, DO NOT induce vomiting, keep at rest, seek immediate medical attention.

**Inhalation:** Using proper respiratory protection, remove victim to fresh air, Administer artificial respiration if breathing has stopped. Seek medical attention if health effects occur or persist.

**Skin Contact:** Quickly and gently blot away excess liquid. Wash gently and thoroughly with warm water (use non-abrasive soap if necessary) for 10-20 minutes or until product is removed. If irritation persists, repeat flushing and seek medical attention.

**Eye Contact:** Quickly and gently blot material from eyes. Immediately flush the contaminated eye(s) with lukewarm, gently flowing water for 15 minutes or until the product is removed. Take care not to rinse contaminated water into the unaffected eye or onto the face.

**First aid facilities:** Provide eye baths and safety showers.

**Medical attention:** Treat according to symptoms.

## SECTION 5 - FIRE FIGHTING MEASURES

**Shut off product that may fuel a fire is safe to do so. Allow trained personnel to attend a fire in progress providing fire fighters with this Material Safety Data Sheet. Prevent extinguishing media from escaping to drains and waterways.**

**Hazards from combustion products:** This product will not burn, but is susceptible to decomposition in extreme heat.

**Extinguishing Media:** Water spray, fine mist, dry chemical or foam. Do not use water jets.

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

**Hazchem Code:** NR.

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

**EMERGENCY PROCEDURES:** Prevent product from escaping to drains and water ways. Contain leaking packaging in a containment drum. Prevent vapours or dusts from building up in confined areas. Ensure that drain valves are closed at all times. Clean up and report spills immediately.

### METHODS AND MATERIALS FOR CONTAINMENT.

#### Major Land Spill

- 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 with a suitable absorbent material.
- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See “First Aid 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 authorities and keep the public away from the area.
- Shut off the source of the spill if possible to do so.
- Confine the spill if possible.
- Remove the product from the surface by skimming or with suitable absorbent material.

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- Consult an expert on disposal of recovered material and ensure conformity to local disposal regulations.
- See "First Aid Measures", and "Stability and Reactivity".

## 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 the skin with prolonged contact. Wear appropriate PPE: chemical resistant clothes and coveralls. Employ standard industrial hygiene practices when handling this product.

**Conditions for safe storage:** Keep containers closed at all times. Store in a cool, dry place away from direct sunlight. Protect containers from physical damage and check regularly for leaks. Avoid release to the environment, store in bunded areas and ensure exit drains are closed.

**Incompatible Materials:** None established.

## SECTION 8 - EXPOSURE CONTROLS AND PERSONAL PROTECTION

**National Exposure Standards:** The time weighted average concentration (TWA) for this product is: None considered; consider  $5\text{g}/\text{m}^3$ , which means the highest allowable exposure concentration in an eight hour day for a five day working week. The short term exposure limit (STEL) is: None specified; consider  $5\text{g}/\text{m}^3$  which is the maximum allowable exposure concentration at any 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:

**Eye Protection:** Protective glasses, goggles or face shield should be worn when this product is being used.

**Skin Protection:** If you believe you may have a sensitisation to this product or any of its declared ingredients, you should prevent skin contact by wearing long sleeves, long trousers or coveralls, safety boots and impervious gloves, make sure that all skin areas are covered. See below for suitable material types.

**Respiratory Protection:** Where concentrations in air may approach or exceed the limits described in the National Exposure Standards, it is recommended to use a half-face filter mask to protect from overexposure by inhalation. A type A filter material is considered suitable for this product.

## SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES:

<b>Physical Description &amp; colour:</b>	Clear mobile liquid.
<b>Flash point:</b>	>95°C (calc).
<b>Boiling Point:</b>	>100°C
<b>SG/Density (15°C):</b>	1.02g/ml;kgm <sup>3</sup> .
<b>Auto ignition temperature:</b>	Not determined
<b>Vapour Pressure:</b>	Not determined
<b>Vapour Density:</b>	Not determined
<b>Explosive Limits in Air:</b>	No data available
<b>Viscosity:</b>	No data available
<b>Percent volatiles:</b>	<20% vol/vol
<b>Acidity/Alkalinity as pH:</b>	Neutral
<b>Solubility in water:</b>	Miscible
<b>Other solvents:</b>	Water/organic solvent

The values 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

**Chemical stability:** Stable at room temperature and pressure.

**Conditions to Avoid:** Strong oxidizing agents, excessive heat, strong acids and bases.

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

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

**Hazardous polymerisation:** Will not occur.

## SECTION 11 - TOXICOLOGICAL INFORMATION

### Acute effects

**Ingestion:** This product is likely to cause discomfort on swallowing and may result in gastric disturbance and soft tissue irritation..

**Eye contact:** Eye contact with this product may cause discomfort, but will be relieved with First Aid.

**Skin contact:** Contact with this product may result in sensitisation. Avoid contact with skin and observe first aid measures. Contact is likely to result in drying, itching, redness and swelling.

**Inhalation:** Vapours at elevated temperatures will cause dizziness and drowsiness. Vapours at room temperature are not obvious. Aspiration of product will result in chemical pneumonitis and tracheal burning.

**Chronic effects:** Repeated and prolonged contact with this product may result in irritation if PPE is not observed.

**Other health effects information:** Persons with pre-existing skin or respiratory conditions will be sensitive to this product.

**Toxicological Information:** Oral LD50: Do data consider >5g/kg.

Dermal LD50: No data consider >5g/kg.

fed Sodium Silicate in their drinking water at 600 and 1200 ppm.

## SECTION 12 - ECOLOGICAL INFORMATION

### Ecotoxicity:

#### Aquatic Toxicology:

Fish Toxicity LC50: No data available.

Daphnia Magna EC50: No data available.

Blue-green algae: No data available.

Green algae: No data available.

**Persistence/Biodegradability:** This product is expected to biodegrade on exposure to UV light and air.

**Mobility:** This product is likely to be mobile on release to the environment.

## SECTION 13 - DISPOSAL CONSIDERATIONS

**Disposal:** 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 product residue that may 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

**Transport information:** Not regulated according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

<b>UN No:</b>	NR
<b>Proper shipping Name:</b>	Paint & Paint related materials
<b>DG Class:</b>	NR
<b>Sub Risk:</b>	None
<b>Packing Group:</b>	NR
<b>Hazchem:</b>	NR

## SECTION 15 - REGULATORY INFORMATION

<b>Country/Region:</b>	Australia
<b>Inventory:</b>	AICS
<b>Status</b>	Listed
<b>Poisons schedule:</b>	5

## SECTION 16 - OTHER INFORMATION

**This SDS contains only safety-related information. For other data see product literature.**

### Acronyms:

<b>AICS</b>	Australian Inventory of Chemical Substances
<b>GHS</b>	Global harmonised Number
<b>CAS number</b>	Chemical Abstracts Service Registry Number
<b>Hazchem Code</b>	Emergency action code of numbers and letters that provide information to emergency services especially firefighters
<b>IARC</b>	International Agency for Research on Cancer
<b>PPE</b>	Personal Protective Equipment
<b>N/R</b>	Non-regulated
<b>N/A</b>	Not applicable
<b>UN Number</b>	United Nations Number

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.**

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