

## Safety Data Sheet REVISION DATE: MARCH 2019

### Hazardous Substance, NON - Dangerous Goods Australia

#### **1. PRODUCT AND COMPANY IDENTIFICATION**

Product Name: WPA 100  
Product Code(s): 420-310  
Synonyms: None  
Recommended Use: Waterproofing Membrane

Supplier: Waterproofing Products Australia  
Address: PO Box 1213 Archerfield BC, Queensland 4108  
Telephone numbers: +61 (7) 3722 3700  
Facsimile number: +61 (7) 3722 3711  
Email: info@wpa-aus.com.au  
Emergency Contact: Australian Poisons Information Centre: 13 11 26

#### **2. HAZARDS IDENTIFICATION**

Statement of Hazardous / Dangerous Nature:.....This material is hazardous according to health criteria of NOHSC Australia. Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Classification: .....Hazardous, Irritant.

Hazard Statements .....H315 - Causes skin irritation.  
H318 - Causes serious eye damage.  
H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary Statements - Prevention .....Wash face, hands and any exposed skin thoroughly after handling.  
Wear protective gloves/protective clothing/eye protection/face protection.  
Do not breathe dust/fume/gas/mist/vapors/spray.

Precautionary Statements - Response.....Get medical advice/attention if you feel unwell.  
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing Immediately call a POISON CENTER or doctor/physician.  
IF ON SKIN: Wash with plenty of soap and water, If skin irritation occurs: Get medical advice/attention.  
Take off contaminated clothing and wash before reuse.

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Precautionary Statements - Disposal .....Dispose of contents/container to an approved waste disposal plant.

Other Hazards.....Frequent inhalation of large quantities of cement dust over a long period of time increases the risk of developing lung disease. When cement reacts with water a strong alkaline solution is produced. Prolonged contact with wet cement or wet concrete may cause serious burns because they develop without pain being felt e.g. when kneeling in wet cement even when wearing trousers.

Risk Phrases: .....May be an eye irritant.  
May cause irritation by inhalation and skin contact.

Signal Word.....Danger.



### 3. COMPOSITION INFORMATION

Chemical Name:	CAS Number:	Proportion:
Sand	14808-60-7	30-40%
Portland Cement	65997-15-1	20-30%
Non-hazardous Ingredients	-	Balance

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#### **4. FIRST AID MEASURES**

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone 131 126)

Inhalation: ..... Remove patient from exposure - avoid becoming a casualty. Remove contaminated clothing and loosen remaining clothing. Allow patient to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects persist.

Ingestion:..... Rinse mouth with water. If swallowed, do NOT induce vomiting. Give a glass of water to drink. Never give anything by the mouth to an unconscious patient. If vomiting occurs give further water. Seek medical advice.

Skin Contact: ..... If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with running water. If swelling, redness, blistering or irritation occurs seek medical assistance.

Eye Contact:..... If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing until advised to stop by the Poisons Information Centre or a Doctor, or for at least 15 minutes and transport to Doctor or Hospital.

Notes to Physician:..... Treat symptomatically. Effects may be delayed.

#### **5. FIRE FIGHTING MEASURES**

Flammability: ..... Will not ignite readily.

Extinguishing Media: ..... All extinguishing media can be used.

List of dangerous decomposition or combustion products:..... Carbon oxides, Nitrogen oxides, fumes and smoke.

#### **6. ACCIDENTAL RELEASE MEASURES**

Small Spills:..... Wear protective equipment to prevent skin and eye contamination. Shovel up and place in a suitable container for disposal.

Large Spills:..... Wear protective equipment to prevent skin and eye contamination. Contain - prevent run off into drains and waterways. Use absorbent (soil, sand or other inert material). Collect and seal in properly labelled containers or drums for disposal. If contamination of sewers or waterways has occurred advise local emergency services.

Precautions for clean-up crew:..... May be slippery when spilt. Avoid accidents, clean up immediately.

#### **7. HANDLING AND STORAGE**

Handling:..... Employ safe lifting techniques. Avoid eye contact and repeated or prolonged skin contact. Wear appropriate personal protective equipment. Workers should wash hands and face before eating, drinking and smoking.

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Storage:..... Store in a cool, dry, well-ventilated place and out of direct sunlight.  
Store away from incompatible materials described in Section 10.  
Keep containers closed when not in use - check regularly for leaks.  
Prevent from freezing.

#### **8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

National occupational exposure limits		TWA	STL
	Crystalline Silica	0.1 mg/m <sup>3</sup>	Not est.
	Portland Cement	10 mg/m <sup>3</sup>	Not est.
	Calcium Carbonate	10 mg/m <sup>3</sup>	Not est.

Engineering Measures:..... Class P1 or dust mask when mixing dry product. Once product is mixed with water, no special respiratory protection is required.

Personal Protective Equipment:..... Class P1 or dusk mask, Overalls, Safety Shoes, Safety Glasses, Nitrile Rubber Gloves.

#### **9. PHYSICAL AND CHEMICAL PROPERTIES**

Physical State:..... Powder.

Colour:..... Grey.

Odour:..... None.

Boiling Point:..... Not applicable.

Flash Point:..... Not applicable.

Flammability Limits:..... Not flammable.

PH (1:1 with water):..... >11

Density (20°C):..... 1.5g/cm<sup>3</sup> when mixed

Solubility in Water:..... Slightly soluble forming an alkaline product.

#### **10. STABILITY AND REACTIVITY**

Chemical Stability:..... This material is thermally stable when stored and used as directed.

Conditions to avoid:..... High temperatures.

Materials to avoid:..... Strong acids.

Hazardous decomposition

products:..... On exposure to high temperatures, may decompose, releasing toxic gases. Will harden on exposure to moisture. Large quantities will exotherm when mixed with water

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#### **11. TOXICOLOGICAL INFORMATION**

##### **Potential acute health effects**

Inhalation: ..... May cause irritation to the nasal passages.

Ingestion: ..... May cause burning sensation and abdominal discomfort.  
Corrosive to mouth and throat.

Skin Contact: ..... May cause irritation to the skin.

Eye Contact: ..... May cause irritation to the eyes.

Chronic Effects: ..... Long term exposure to high dust concentrations may cause changes in lung function. I.e. Pneumoconiosis; caused by particles less than 0.5 microns penetrating and remaining in the lung. Prime symptom is breathlessness; lung shadows show on X-ray.

There is some evidence that inhaling this product (in dry powder form) is more likely to cause a sensitisation reaction in some persons compared to the general population.

There is limited evidence that, skin contact with this product is more likely to cause a sensitisation reaction in some persons compared to the general population.

Respiratory sensitisation may result in allergic/asthma like responses; from coughing and minor breathing difficulties to bronchitis with wheezing, gasping.

#### **12. ECOLOGICAL INFORMATION**

Environmental Effects: ..... No data available for the product.

#### **13. DISPOSAL CONSIDERATIONS**

Refer to State/Territory Land Waste Management Authority.

#### **14. TRANSPORT INFORMATION**

Classification: ..... Not Classified.

UN No.: ..... Not Applicable.

Toxic Packaging Group: ..... Not Applicable.

Hazchem: ..... Not Applicable.

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#### **15. REGULATORY INFORMATION**

DG Class: ..... None Allocated.

Hazchem Code: ..... None Allocated.

Poisons Schedule: ..... Not Scheduled.

Hazard Category: ..... Toxic, Irritant.

#### **16. OTHER INFORMATION**

Material Safety Data Sheets are updated frequently. Please ensure that you have a current copy. MSDS may be obtained from the following website: [www.wpa-aus.com.au](http://www.wpa-aus.com.au)

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Waterproofing Products Australia Pty. Ltd. Waterproofing Products Australia Pty. Ltd. makes no representation as to the completeness and accuracy of the data contained in this data sheet. It is the user's obligation to evaluate and use this product safely, and to comply with all relevant Federal, State and Local Government laws and regulations. Waterproofing Products Australia Pty. Ltd. shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendation or information contained herein, from abnormal use of the material, or any hazard inherent in the nature of the material.

DOCUMENT CONTROL	
Product	WPA 100
Initial Issue	March 2019
Author	FM