

NON - Hazardous Substance, NON - Dangerous Goods Australia

## 1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: WPA Rapid  
Product Code(s): 419-153  
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-us.com.au  
Emergency Contact: Australian Poisons Information Centre 13 11 26

## 2. HAZARDS IDENTIFICATION

Statement of hazardous / dangerous nature:.....Not classified as hazardous according to criteria of ASCC Australia.

Not classified as Dangerous Goods by the criteria of the Australian Dangerous Goods Code (ADG Code) for transport by Road and Rail.

Classification: .....Not applicable

Hazard Statements: .....Harmful to aquatic life with long lasting effects

## 3. COMPOSITION INFORMATION

Chemical Name:	CAS Number:	Proportion:
Zinc Oxide	1314-13-2	1-2%
Titanium Dioxide	13463-67-7	0.3-0.5%
Ingredients determined to be non-hazardous	-	To 100%

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

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

Inhalation: ..... If affected, move subject to fresh air. Seek medical assistance if symptoms persist.

Ingestion:..... Give plenty of water. Seek medical assistance.

Skin Contact:..... Wash with water and soap. Seek medical attention if irritation persists.

Eye Contact:..... If in eyes wash out immediately with water. In all cases of eye contamination it is a sensible precaution to seek medical advice.

Notes to Physician:..... Treat symptomatically.

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

Flammability: ..... Not combustible, however following evaporation of aqueous component residual material can burn if ignited.

Extinguishing media: ..... Water, Foam, CO<sup>2</sup> and Dry Chemical.

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

Firefighting further advice:..... Fire fighters should wear self-contained breathing apparatus and suitable protective clothing.

Precautions:..... Water spray may be used to keep fire exposed containers cool.

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

Small Spills:..... Wear protective equipment to prevent skin and eye contamination. Avoid inhalation of vapours. Wipe up with absorbent (clean rag or paper towels). Allow absorbent to dry before disposing with normal household garbage. Collect and seal in properly labelled containers or drums for disposal.

Large Spills:..... Wear protective equipment to prevent skin and eye contamination and the inhalation of vapours. Work up wind or increase ventilation. 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. Dispose of cured product in to land-fill.

Precautions for clean-up crew:..... Slippery when spilt. Avoid accidents, clean up immediately.

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### 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.

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

Components	Type	Value	Form
Titanium dioxide (CAS 13463-67-7)	TWA	10 mg/m <sup>3</sup>	Inhalable dust
Zinc oxide (CAS 1314-13-2)	STEL	10mg/m <sup>3</sup>	Fume
	TWA	5mg/m <sup>3</sup>	Fume

Biological limit values:.....No biological exposure limits noted for the ingredient(s).

Appropriate engineering controls: .....Provide adequate ventilation and minimise the risk of inhalation of vapours.

#### Individual protection measures, for example personal protective equipment (PPE)

Eye/face protection ..... Risk of contact: Wear protective gloves and goggles/face shield.

Skin protection.....Wear appropriate chemical resistant clothing.

Hand protection .....Wear appropriate chemical resistant gloves

Respiratory protection ..... Do not breathe dust/fume/gas/mist/vapours/spray. In case of insufficient ventilation, wear suitable respiratory equipment.

Thermal hazards .....Wear appropriate thermal protective clothing, when necessary.

Hygiene measures..... Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants.

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

Physical State: ..... Thixotropic paste.  
Colour: ..... Grey.  
Odour: ..... Slight polymer odour.  
Boiling Point: ..... 100°C approx.  
Flash Point: ..... Not applicable  
Flammability Limits: ..... Not applicable.  
PH: ..... Not available.  
Specific Gravity (20°C): ..... 1.34  
Solubility in Water: ..... Completely soluble.

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

Chemical Stability: ..... This material is thermally stable when stored and used as directed.  
Conditions to avoid: ..... Elevated temperatures and sources of ignition.  
Materials to avoid: ..... Strong acids & oxidizing agents.  
Hazardous decomposition products: ..... Oxides of carbon and nitrogen, smoke and other toxic fumes.

### **11. TOXICOLOGICAL INFORMATION**

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

Inhalation: ..... Excessive exposure to vapours or spray mist may cause slight irritation to eyes, nose and throat.  
Ingestion: ..... No data supplied, but polymer is not expected to be harmful.  
Skin Contact: ..... Prolonged or repeated contact with skin may result in slight skin irritation.  
Eye Contact: ..... May be an eye irritant.  
Acute Toxicity: ..... May cause discomfort if swallowed.

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Components	Species	Test Results
Titanium dioxide (CAS 13463-67-7)		
Acute		
Inhalation		
LC50	Rat	3.43 mg/l, 4 Hours
Oral		
LD50	Rat	> 5000 mg/kg

Skin corrosion/irritation.....May cause skin irritation on prolonged or repeated contact.

Serious eye damage/irritation.....May cause eye irritation on direct contact.

Respiratory or skin sensitisation

Respiratory sensitisation.....No data available.

Skin sensitisation.....Not a skin sensitiser.

Germ cell mutagenicity.....No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Carcinogenicity.....Inhalation of titanium dioxide dust may cause cancer, however due to the physical form of the product.

#### ACGIH Carcinogens

Titanium dioxide

(CAS 13463-67-7).....A4 Not classifiable as a human carcinogen.

#### IARC Monographs. Overall Evaluation of Carcinogenicity

Titanium dioxide (CAS 13463-67-7).....2B possibly carcinogenic to humans.

Reproductive toxicity.....No data available.

Specific target organ toxicity - single exposure.....No data available.

Specific target organ toxicity - repeated exposure.....No data available.

Aspiration hazard.....Not classified.

Chronic effects.....No data available.

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## 12. ECOLOGICAL INFORMATION

Environmental effects:..... Harmful to aquatic life with long lasting effects.

Components	Species	Test Results
Titanium dioxide (CAS 13463-67-7)		
Aquatic Crustacea LC50	Water flea (Daphnia magna)	0.098 mg/l, 48 Hours

Persistence and degradability ..... No data is available on the degradability of this product.

Bioaccumulative potential ..... No data available for this product.

Mobility in soil ..... The product is soluble in water.

Other adverse effects ..... No other adverse environmental effects (e.g. ozone depletion, photochemical ozone creation potential, endocrine disruption, global warming potential) are expected from this component.

## 13. DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority.

Disposal methods ..... Collect and reclaim or dispose in sealed containers at licensed waste disposal site. Dispose of contents/container in accordance with local/regional/national/international regulations.

Residual waste ..... Dispose of in accordance with local regulations. Avoid discharge into water courses or onto the ground.

Contaminated packaging ..... Empty containers should be taken to an approved waste handling site for recycling or disposal. Since emptied containers may retain product residue, follow label warnings even after container is emptied.

## 14. TRANSPORT INFORMATION

ADG ..... Not regulated as dangerous goods.

RID ..... Not regulated as dangerous goods.

IATA ..... Not regulated as dangerous goods.

IMDG ..... Not regulated as dangerous goods.

Hazchem: ..... Not applicable.

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### **15. REGULATORY INFORMATION**

Poisons Schedules:.....No schedule number allocated.

#### **Australia Medicines & Poisons Schedule 4**

Zinc oxide (CAS 1314-13-2) ..... for human internal use Exception may apply, see the regulation for relevance.

### **16. OTHER INFORMATION**

Safety Data Sheets are updated frequently. Please ensure that you have a current copy.

SDS 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. Waterproofing Products Australia 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 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 Rapid
Initial Issue	January 2016
Technical Amendment	January 2017
	JUNE 2024
Author	SR