

Safety Data Sheet REVISION DATE: JANUARY 2017

Hazardous Substance, Dangerous Goods Australia

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: WPA SB Primer
Product Code(s): 49-404, 490-006
Synonyms: None
Recommended Use: Primer and coating for cementitious surfaces
Supplier: Waterproofing Products Australia Pty Ltd
Address: PO Box 1213 Archerfield BC, Queensland 4108
Telephone numbers: +61 (7) 3722 3700
Facsimile number: +61 (7) 3722 3711
Email: info@bayset.com.au
Emergency Contact: Australian Poisons Information Centre: 13 11 26

2. HAZARDS IDENTIFICATION

Statement of hazardous / dangerous nature:Classified as Hazardous according to criteria of National Occupational Health and Safety Commission (NOHSC), Australia.
Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

Classification:Xn Harmful.
Xi Irritant
Toxic Poison Schedule: S6 (Australia)
Dangerous Goods Class: 3
UN No.: 1866
Toxic Packaging Group: 111

Hazchem: 3YRisk Phrases:Flammable.
Harmful by inhalation and contact with skin
Irritating to eyes, respiratory system and skin.
Harmful to aquatic organisms.



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3. COMPOSITION INFORMATION

Chemical Name:	CAS Number:	Proportion:
Xylene	1330-20-7	30% - 60%
Ethylbenzene	100-41-4	1% - <20%
Solvent naphtha (petroleum) light aromatic	64742-95-6	10% - <25%
Ingredients determined not to be hazardous	-	To 100%

4. FIRST AID MEASURES

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

Inhalation:..... If inhaled, remove affected person from contaminated area. Apply artificial respiration if not breathing. Seek medical attention.

Ingestion:..... Do not induce vomiting. Wash out mouth thoroughly with water. Seek immediate medical attention.

Skin Contact:..... Remove all contaminated clothing immediately. Wash affected area thoroughly with soap and water. Wash contaminated clothing before reuse or discard. Seek medical attention.

Eye Contact:..... If in eyes, hold eyelids apart and flush the eyes continuously with running water. Remove contact lenses. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention. Notes to Physician: Treat symptomatically. Effects may be delayed. If patient has been subject to severe exposure then the patient should be kept under medical supervision for at least 48 hours.

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

5. FIRE FIGHTING MEASURES

Flammability:..... Product is flammable. Product contains flammable solvents. Containers may rupture / explode if subjected to high intensity heat.

Extinguishing media:..... Foam, CO2 and Dry Chemical. Do not use water jet.

List of dangerous decomposition

or combustion products:..... Carbon oxides, Nitrogen oxides, isocyanate vapours, hydrocarbon vapours and Hydrogen Cyanide with emissions of toxic vapour, fumes and smoke.

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

Precautions:..... Flammable liquid and vapour. Vapour/air mixtures may ignite explosively. Flashback along the vapour trail may occur. Runoff to sewer may create fire or explosion hazard. Burning may product a dense and irritating smoke or fumes.

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6. ACCIDENTAL RELEASE MEASURES

Small Spills:..... Follow below procedure.

Large Spills:..... Clear area of personnel.

Wear appropriate personal protective equipment and clothing to prevent exposure.

Extinguish or remove all sources of ignition and stop leak if safe to do so.

Increase ventilation. Evacuate all unprotected personnel. If possible contain the spill. Place inert absorbent, non-combustible material onto spillage. Use clean non-sparking tools to collect the material and place into suitable labelled containers for subsequent recycling or disposal.

Dispose of waste according to the applicable local and national regulations. If contamination of sewers or waterways occurs inform the local water and waste management authorities in accordance with local regulations.

Precautions for clean-up crew:..... Solvents will evaporate out of the product, provide good ventilation.

Wear full protective gear to prevent skin and eye contact and inhalation of vapours. Prevent run off from entering water ways and drains.

7. HANDLING AND STORAGE

Handling:..... Employ safe lifting techniques. Avoid contact with skin and eyes.

Wear overalls, impervious gloves and safety glasses. Use in designated areas with local exhaust ventilation, away from sparks, flames and other ignition sources. Use approved flammable liquid storage containers in the work area. Prevent release of vapours and mists into workplace air. Keep containers tightly closed. Take precautionary measures against static discharges. Do not empty into drains. Ensure a high level of personal hygiene is maintained when using this product, that is, always wash hands before eating, drinking, smoking or using the toilet facilities.

Storage:..... Store in a cool, dry, well-ventilated area away from sources of ignition, oxidising agents, strong acids, foodstuffs, and clothing. Keep containers closed when not in use, securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks.

Have appropriate fire extinguishers available in and near the storage area. Take precautions against static electricity discharges. Use proper grounding procedures. Ensure that storage conditions comply with applicable local and national regulations.

For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to all applicable local and national regulations.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

National occupational

Substance	Regulations	Exposure Duration	Exposure Limit	Units
Ethyl Benzene	Safe Work Australia	TWA	100	ppm
	Safe Work Australia	TWA	434	mg/m ³
	Safe Work Australia	STEL	125	ppm
	Safe Work Australia	STEL	543	mg/m ³
Xylene	Safe Work Australia	TWA	80	ppm
	Safe Work Australia	TWA	350	mg/m ³
	Safe Work Australia	STEL	150	ppm
	Safe Work Australia	STEL	655	mg/m ³

Biological Limit Values

Name:Xylenes
Determinant:.....Methylhippuric acids
Specimen: Creatinine in urine.
Value: 1.5g/g
Sampling time:End of shift.

Name:.....Ethylbenzene
Determinant: Sum of mandelic acid and phenyl glyoxylic acid.
Specimen: Creatinine in urine.
Value:0.7g/g
Sampling time:End of shift at end of work week.
Source:American Conference of Industrial Hygienists (ACGIH)

Engineering Measures:..... This substance is hazardous and should be used with a local exhaust ventilation system, drawing vapours away from workers' breathing zone. A flame-proof exhaust ventilation system is required. If the engineering controls are not sufficient to maintain concentrations of vapours/mists below the exposure standards, suitable respiratory protection must be worn. Refer to relevant regulations for further information concerning ventilation requirements. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 60079.10.1:2009 Explosive atmospheres - Classification of areas - Explosive gas atmospheres, for further information concerning ventilation requirements.

Personal protective equipment:Overalls, Safety Shoes, Face Shield or Safety Glasses, Nitrile Rubber or Laminated Gloves (long).

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9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State: Liquid.
Colour: Red.
Odour: Aromatic hydrocarbon odour.
Boiling Point: 137-143° C (xylene)
Flash Point: 28°C approx. (as for Xylene).
Flammability Limits: Not applicable.
PH: Not available
Specific Gravity (20°C): 0.91 - 0.93
Solubility in Water: Insoluble.

10. STABILITY AND REACTIVITY

Chemical Stability: Stable under normal conditions of storage and handling.
Conditions to avoid: Heat, open flames and other sources of ignition Take precautions against static electricity discharges.
Materials to avoid: Strong oxidising agents. Halogens.
Hazardous decomposition products: Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

11. TOXICOLOGICAL INFORMATION

Potential acute health effects

Inhalation: Harmful if inhaled. Irritating to respiratory system. Inhalation of product vapours can cause irritation of the nose, throat and respiratory system.
Ingestion: Ingestion of this product may irritate the gastric tract causing nausea and vomiting. Ingestion may cause CNS depression with symptoms including drowsiness, dizziness, fatigue, confusion and possible unconsciousness. Small amounts of liquid aspirated into the respiratory system during ingestion or from vomiting may cause pulmonary injury.
Skin Contact: Harmful in contact with skin. Irritating to skin. Skin contact will cause redness, itching and swelling. Repeated exposure may cause skin dryness or cracking.
Eye Contact: May be irritating to eyes. The symptoms may include redness, itching and tearing.
Chronic Effects: Prolonged or repeated skin contact may cause defatting leading to drying and cracking of skin and dermatitis. Prolonged inhalation may cause central nervous system depression with symptoms including dizziness, drowsiness, nausea and headaches. Chronic exposure may have adverse effects on the central nervous system, liver and kidneys.
Carcinogenicity: Ethylbenzene is listed as a Group 2B: Possibly carcinogenic to humans according to International Agency for Research on Cancer (IARC).

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12. ECOLOGICAL INFORMATION

Environmental effects:..... Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Refer to State/Territory Land Waste Management Authority. The disposal of the spilled or waste material must be done in accordance with applicable local and national regulations. Labels should not be removed from containers until they have been cleaned. Do not cut, puncture or weld on or near containers. Empty containers may contain flammable residues. Contaminated containers must not be treated as household waste. Containers should be cleaned by appropriate methods and then re-used or disposed of by landfill or incineration as appropriate. Do not incinerate closed containers. Advise flammable nature.

14. TRANSPORT INFORMATION

Classification: Dangerous Goods, Class 3 – Flammable Liquid.

UN No.: 2810

Toxic Packaging Group:..... 111

Hazchem:..... 3Y

15. REGULATORY INFORMATION

Poisons Schedule: Australia: Poisons Schedule S6.

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.bayset.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 SB Primer
Initial Issue	January 2013
Technical Amendment	January 2017
Author	FM