

MATERIAL SAFETY DATA SHEET (MSDS)

Hazardous according to criteria of NOHSC Australia

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND THE COMPANY/UNDERTAKING

Product Name	AD-TEK WP-D (Cementitious Powder)
Other Names	No other names exist for this product
Recommended use	Admixture for waterproofing and dampness reducing of concrete
Supplier	AD-TEK PTY LTD
ACN	
ABN	
Street Address	12 Frankston Gardens Drive Carrum Downs VIC 3201 Australia
Telephone	+ 613 9782 5348
Facsimile	+ 613 9782 3244
Emergency telephone numbers	Victor Vyrodov 0413 628 820 Shane Cooper 0419 584 320

2. HAZARDS IDENTIFICATION

Hazard classification	Hazardous substance, non dangerous according to the criteria of NOHSC Australia
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Hazard Category	
Xi Irritant	Xn Harmful

Risk Phrase(s)	
R36/37/38	Irritating to eyes, respiratory system and skin.
R22	Harmful if swallowed

Safety Phrase(s)	
S3/9/14	Keep in a cool well ventilated place away from acids
S7	Keep container tightly closed
S22	Do not breathe in dust
S24/25	Avoid contact with skin and eye

3. COMPOSITION/INFORMATION ON INGREDIENTS

Appearance	Grey powder	
CHEMICAL ENTITY OF PURE SUBSTANCE	CAS NO.	PROPORTION
Portland cement	65997-15-1	HIGH
Alkaline Earth Compound	1317-65-3	MED
Silica Sand	14808-60-7	LOW

PROPORTION (% weight per weight)	VHIGH>60 HIGH 30-60 MED 10-29 LOW 1-9 VLOW <1
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All the constituents of this material are listed on the Australian Inventory of Chemical Substances (AICS).

4. FIRST AID MEASURES

If poisoning occurs, contact a doctor or Poisons Information Centre (Phone Australia 131 126; New Zealand 03 474 7000).

Inhalation	Remove victim to fresh air. Lay patient down. Keep warm and rested. Seek medical assistance
Skin contact	Remove contaminated clothes, wash before reuse. Wash skin with plenty of soap and water. If swelling, redness, blistering or irritation occurs seek medical assistance
Eye contact	Immediately irrigate with copious quantities of water for at least 15 minutes. Eyelids to be held open. Remove contact lenses. Seek medical attention if discomfort exists
Ingestion	Immediately rinse mouth with water. Give water to drink. DO NOT INDUCE VOMITING. Seek immediate medical assistance.
Notes to physician	Treat symptomatically.

5. FIRE-FIGHTING MEASURES

Extinguishing media	Foam, CO ₂ and Dry Chemicals
Hazards from thermal decomposition	Produces oxides of carbon.
Special protective precautions and equipment for fire fighters	None
Hazchem code	None allocated

6. ACCIDENTAL RELEASE MEASURES

Sweep up, but avoid generating dust. Collect and seal in properly labelled drums for re-processing. For disposal refer to state waste management authority.

7. HANDLING AND STORAGE

Handling	Avoid skin and eye contact and inhaling dust
Storage	Store in a covered, cool and dry, well ventilated area. Keep containers closed when not in use

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Personal protection	
Skin	Impervious elbow length gloves, impervious boots and full length clothing to protect the skin from contact with dust
Eye	Safety glasses with side shields, goggles or face shield
Respiratory	If dust is generated wear a Class P1 or P2 particulate respirator (AS/NZS 1715 and 1716).
Engineering controls	No specific engineering controls required. Use in a well ventilated area. Avoid generating and inhaling dust when handling.
Other exposure information	Keep exposure to dust as low as possible. Avoid repeated skin contact with both dry and wet product
Biological limits	No biological limit allocated.

9. PHYSICAL AND CHEMICAL PROPERTIES

Form / Colour / Odour	Solid / Grey powder / Odourless
pH Value (10 %)	11-13
Boiling Point	N/A
Flash Point	N/A
Solubility in Water	Partial
Bulk Density	700-800 kg/m ³
Melting Point	NA
Vapour Density	N/A
Vapour Pressure	N/A

10. STABILITY AND REACTIVITY

Stability	This product is stable under normal conditions
Incompatible materials	Avoid flame or spark under dusting conditions
Hazardous decomposition products	May produce toxic fumes of carbon oxides
Material to avoid	None known

11. TOXICOLOGICAL INFORMATION

No information is available at this time.

12. DISPOSAL CONSIDERATIONS

Product collected from spills should be disposed of at an approved waste facility if reprocessing is not practicable. Observe all federal, state and local regulations.

13. TRANSPORT INFORMATION

Road and Rail Transport

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

UN No.	None allotted
Class-primary	Powder
Packing group	None allotted
Dangerous Goods Class	None allotted
Hazchem code	None allotted
Proper Shipping Name	AD-TEK WP-D
Segregation Dangerous Goods	Not to be loaded with acid containers

Marine Transport

Not classified as Dangerous Goods by the criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.

UN No.	None allotted
Class-primary	Powder
Packing group	None allotted
Dangerous Goods Class	None allotted
Hazchem code	None allotted
Proper Shipping Name	AD-TEK WP-D
Segregation Dangerous Goods	Not to be loaded with acid containers

Air Transport

Not classified as Dangerous Goods by the criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

UN No.	None allotted
Class-primary	Powder
Packing group	None allotted
Dangerous Goods Class	None allotted
Hazchem code	None allotted
Proper Shipping Name	AD-TEK WP-D
Segregation Dangerous Goods	Not to be loaded with acid containers

14. REGULATORY INFORMATION

Hazard classification	Hazardous substance, non dangerous according to the criteria of NOHSC Australia
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Hazard Category	
Xi Irritant	Xn Harmful

Risk Phrase(s)	
R36/37/38	Irritating to eyes, respiratory system and skin
R21/22	Harmful in contact with skin and if swallowed

Safety Phrase(s)	
S3/9/14	Keep in a cool well ventilated place away from acids.
S7	Keep container tightly closed
S22	Do not breathe in dust
S24/25	Avoid contact with skin and eyes.

This material is not listed on the Australian Inventory of Chemical Substances (AICS).

15. OTHER INFORMATION Literary reference

This Material Safety Data Sheet has been prepared by Ad-Tek Pty Ltd from information obtained from MSDS provided by the suppliers of the various chemicals used in this product.

For further information about this product contact:

Victor Vyrodov / Shane Cooper

Phone: 03 9782 5348

Reason(s) for issue: To meet requirements of NOHSC: 2011 (2003)

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

This MSDS summarises at the date of issue our best knowledge of the health and safety hazard information of the product, and in particular how to safely handle and use the product in the workplace. Since Ad-Tek Pty Ltd cannot anticipate or control the conditions under which the product may be used, each user must, prior to usage, review this MSDS in the context of how the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should contact this company.

Our responsibility for product as sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available upon request.