

Adcure PVA

P. O'Brien & Associates

Product: 113100200
Version No: 7.01.1.0
Safety Data Sheet according to GHS and ADG requirements

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Local.AU.EN

SECTION 1 IDENTIFICATION OF MATERIAL AND SUPPLIER

Product Identifier

| | |
|----------------------|----------------|
| Product Name | Adcure PVA |
| Chemical Name | Not Applicable |
| Synonyms | Not Applicable |
| Proper Shipping Name | Not Applicable |
| CAS Number | Not Applicable |

Relevant identified uses of the product

| | |
|-----------------|--------------------------|
| Identified uses | Concrete curing compound |
|-----------------|--------------------------|

Details of Manufacturer / Supplier

| | |
|-----------|------------------------------------------------|
| Company | P. O'Brien & Associates Pty Limited |
| Address | 15B Lyell Street, Mittagong NSW 2575 AUSTRALIA |
| Telephone | +61 (02) 4872 2154 |
| Fax | +61 (02) 4872 2536 |
| Website | adjuvate.com.au |

Emergency telephone number

| | |
|------------------|--------------------|
| Emergency Number | +61 (02) 4872 2154 |
|------------------|--------------------|

SECTION 2 HAZARDS IDENTIFICATION

Classification of the substance or mixture

NON-DANGEROUS GOODS

According to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS), Australian Code for Transportation of Dangerous Goods by Road and Rail (ADG).

Hazard Statements

| | |
|--|----------------|
| | Not Applicable |
|--|----------------|

Hazard Pictogram

N/A

Signal Word

Prevention Statement

| | |
|------|-----------------------------------------------------|
| P264 | Wash hands thoroughly after handling. |
| P270 | Do not eat, drink or smoke when using this product. |
| P273 | Avoid release to the environment. |

Response Statement

| | |
|------|----------------------------------------|
| P330 | Rinse mouth. |
| P363 | Wash contaminated clothing before use. |
| P391 | Collect spillage |

Storage Statement

| | |
|--|----------------|
| | Not Applicable |
|--|----------------|

Risk Phrases

| | |
|--|----------------|
| | Not Applicable |
|--|----------------|

Safety Phrases

| | |
|--|----------------|
| | Not Applicable |
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SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Mixtures

| CAS No | % [weight] | Name |
|-----------|------------|-----------------------------------|
| 9003-20-7 | < 0.2% | 2 Octyl-2H-isothiazol-3-one |
| 108-05-4 | 25-50% | Non Hazardous PVA |
| 7732-18-5 | <1% | Vinyl Acetate monomer residual |
| | To 100% | Other ingredients Including water |

SECTION 4 FIRST AID MEASURES

Description of first aid measures

| | |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Eye Contact | If this product comes in contact with eyes: <ul style="list-style-type: none">➤ Wash immediately with water for 15min holding eyelids open➤ If irritation continues, seek medical attention |
| Skin Contact | If skin or hair contact occurs: <ul style="list-style-type: none">➤ Remove contaminated clothing➤ Flush skin and hair with running water➤ Seek medical attention in event of irritation |
| Inhalation | <ul style="list-style-type: none">➤ If vapour inhaled remove from exposure➤ Seek medical attention in event of irritation |
| Ingestion | If swallowed: <ul style="list-style-type: none">➤ Rinse mouth thoroughly with water➤ Do not induce vomiting➤ Provide water➤ Seek medical attention immediately |

Indication of any immediate medical attention and special treatment needed

Treat symptomatically

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing media

| | |
|--|---------------------------------------------------------------------------------------------|
| | <ul style="list-style-type: none">➤ Use water for, CO2, dry chemical or foam. |
|--|---------------------------------------------------------------------------------------------|

Flammability

| | |
|--|---------------------------------------------------------------------------------------------------------------------------------------------|
| | <ul style="list-style-type: none">➤ Product residue subsequent to evaporation will burn in the presence of an ignition source |
|--|---------------------------------------------------------------------------------------------------------------------------------------------|

Special hazards arising from the substance or mixture

| | |
|----------------------|--------------------------------------------------------------------------------------------------------------------|
| Fire Incompatibility | <ul style="list-style-type: none">➤ Burning produces toxic and irritating fumes➤ None known |
|----------------------|--------------------------------------------------------------------------------------------------------------------|

Advice for firefighters

| | |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | <ul style="list-style-type: none">➤ Alert Fire Brigade and advise of location and nature of hazard➤ Wear protective clothing and breathing apparatus in the event of fire➤ Use firefighting procedures suitable for surrounding area➤ Prevent spillage from entering drains or water courses➤ If safe to do so, remove containers from path of fire |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

SECTION 6 ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

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|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Minor Spills | <ul style="list-style-type: none">➤ Clean up immediately➤ Bund area as required➤ Avoid contact with skin, hair and eyes➤ Wear protective clothing, gloves and glasses➤ Use dry clean up procedures to prevent further spread➤ Cover material with spill kit to absorb moisture➤ Contain material in sealable, labelled containers for disposal |
| Major Spills | <ul style="list-style-type: none">➤ Clear all personnel from immediate area➤ Alert emergency services and advise of location and nature of hazard➤ Control personal exposure to material, making use of available protective equipment➤ Prevent spillage from entering drains, sewer or water courses➤ Contain material in sealable, labelled containers for disposal |

Environmental precautions

| | |
|--|-------------------------------------------------------------------------------------------------------------------------|
| | <ul style="list-style-type: none">➤ Prevent material spills from entering drains, sewers or water courses |
|--|-------------------------------------------------------------------------------------------------------------------------|

Methods and materials for containment and clean up

- Use absorbent spill kits (soil, sand, sawdust, inert material, vermiculite)
- Mechanically remove material
- Transfer to suitably labelled sealable container
- Dispose as general industrial waste

SECTION 7 HANDLING AND STORAGE

Precautions for safe handling

| | |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Safe handling | <ul style="list-style-type: none"> ➤ Limit all unnecessary personal contact ➤ Wear protective clothing when risk of exposure present ➤ Use in well ventilated area ➤ Store below 30°C and protect from freezing ➤ Do not inhale product dust or fumes ➤ Avoid contact with incompatible materials ➤ DO NOT eat, drink or smoke whilst handling ➤ Keep containers sealed when not in use ➤ Protect sealed containers from accidental damage ➤ Always observe good personal hygiene and wash thoroughly after use ➤ Contaminated clothing should be washed separately ➤ Observe manufacturers storage and handling recommendations |
| Other information | <ul style="list-style-type: none"> ➤ Keep containers cool and dry ➤ Store under cover ➤ Protect containers from accidental damage |

Conditions for safe Storage, including any incompatibilities

| | |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable container | <ul style="list-style-type: none"> ➤ Sealable plastic or lined metal pail or drum ➤ Packaging should be stacked, interlocked, strapped and limited in height to make stable and limit the possibility of sliding or collapse. Ensure each container is clearly labelled and free of damage. |
| Storage incompatibility | ➤ None known |
| Specific end use | ➤ Refer section 1, Product data sheet or packaging label |

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Control parameters


Occupational Exposure Limits

Not value assigned.

Material Data

| Source | Material | TWA | STEL | Peak | Notes |
|--------|----------|-----|------|------|-------|
| | | | | | |

Exposure controls

| | |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Engineering controls | ➤ General extraction for ventilation is adequate under normal operating conditions |
| Personal protection |  |
| Eye and face protection | <ul style="list-style-type: none"> ➤ Safety glasses with side protection or face shield ➤ Contact lenses may pose a specific risk; soft contact lenses may absorb and concentrate irritants. Specific workplace policies should be formulated for each task. |
| Skin protection | ➤ See Hand / feet protection |
| Hand / feet protection | <ul style="list-style-type: none"> ➤ Wear chemical protective gloves suitable to task ➤ Wear safety footwear |
| Body protection | ➤ See Other protection |
| Other protection | <ul style="list-style-type: none"> ➤ Overalls ➤ PVC apron ➤ Barrier cream ➤ Skin cleansing cream ➤ Eye wash station |
| Thermal Hazards | ➤ None known |

Respiratory protection

NA

| | | | |
|-------------------|-----------|-----------|-------------|
| Protection factor | Half face | Full face | Powered air |
|-------------------|-----------|-----------|-------------|

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

| | | | |
|----------------------------------------------|----------------|-----------------------------------|----------------|
| Appearance | Cream liquid | | |
| Physical State | Liquid | Relative density (Water = 1) | Not available |
| Odour | Mild | Bulk density (kg/m ³) | Not Available |
| Odour threshold | Not Available | Auto-ignition temperature (°C) | Not Applicable |
| pH | 3.0 to 4.5 | Decomposition temperature | Not Available |
| Melting / freezing point (°C) | Not Available | Viscosity (cSt) | Thick liquid |
| Initial boiling point and boiling range (°C) | Not Available | Molecular weight (g/mol) | Not Available |
| Flashpoint (°C) | Not Applicable | Taste | Not Available |
| Evaporation rate | Not Available | Explosive properties | Not Applicable |
| Flammability | Not Applicable | Oxidising properties | Not Available |
| Upper Explosive Limit (%) | Not Applicable | Surface Tension (mN/m) | Not Available |
| Lower Explosive Limit (%) | Not Applicable | Volatile Component (%vol) | Not Available |
| Vapour pressure (kPa) | Not Available | Gas group | Not Applicable |
| Solubility in water (g/L) | Miscible | pH as a solution (1%) | Not Available |
| Vapour density (Air = 1) | Not Available | VOC g/L | Not Available |

SECTION 10 STABILITY AND REACTIVITY

| | |
|------------------------------------|--------------------------------------------------------|
| Reactivity | Not available |
| Chemical stability | Stable under normal conditions |
| Possibility of hazardous reactions | Refer Section 7 |
| Conditions to avoid | Temperatures <0°C or >40°C |
| Incompatible materials | Refer Section 7 None known |
| Hazardous decomposition products | Will not decompose when stored and used as recommended |

SECTION 11 TOXICOLOGICAL INFORMATION

Information on toxicological effects

| | |
|--------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhaled | <ul style="list-style-type: none"> ➤ Generated vapour may be discomforting ➤ May cause nausea and/or vomiting |
| Ingestion | May cause gastric irritation, nausea and vomiting. |
| Skin Contact | Limited evidence exists. Practical experience predicts that the material may produce inflammation of the skin in some individuals. Skin sensitisation may also be present after prolonged or repeated exposures. |
| Eye | Limited evidence exists. Practical experience suggests that the material may cause eye irritation in a substantial number of individuals. Repeated or prolonged eye contact may cause inflammation and/or corneal damage. |
| Chronic | No information available |

Numerical measure of toxicity

| | | |
|------------|---------------------------|-----------------------------|
| Adcure PVA | TOXICITY Not Available | IRRITATION Not Available |
|------------|---------------------------|-----------------------------|

SECTION 12 ECOLOGICAL INFORMATION

Toxicity

No data available

Persistence and degradability

| | | |
|---------------|---------------------------|------------------|
| Ingredient | Persistence: Water / Soil | Persistence: Air |
| Not Available | Not Available | Not Available |

Bioaccumulative potential

| | |
|---------------|---------------|
| Not Available | Not Available |
|---------------|---------------|

Mobility in Soil

| | |
|------------|----------|
| Ingredient | Mobility |
|------------|----------|

Not Available

Not Available

SECTION 13 DISPOSAL CONSIDERATIONS

Waste treatment methods

Product / Packaging disposal

- Dispose of this material in its container, send to company for collection of industrial waste.
- Reuse containers if possible. May be land filled together with household refuse taking into consideration the local authority regulation.

SECTION 14 TRANSPORT INFORMATION

Labels Required

Environmental Hazard

No

Marine Pollutant

No

HAZCHEM

Not Applicable

Transport Regulation

Land Transport

Not applicable

Air Transport

Not applicable

Sea Transport

Not applicable

SECTION 15 REGULATORY INFORMATION

Safety, health and environmental regulations / legislation specific for the product

Not Available

Poisons schedule

Not Allocated

SECTION 16 OTHER INFORMATION

The classification of this product and its related SDS has drawn on official and authoritative sources. The data herein has been compiled from the raw material supplier's provided information. This data relates only to the designated product and not to its in combination with other products or substances. An SDS is a hazard communication tool and should always form part of any risk assessment. Many factors determine whether the reported hazards pose risks in a specific use setting. Risks may be determined by reference to exposure scenarios, scale and frequency of use and the availability or suitable engineering control. Because conditions and circumstances related to the use of the product are beyond the manufacturer's control, any such summary of hazard information is inherently incomplete. P. O'Brien & Associates Pty Limited makes no warranty with regard to the accuracy of the data herein and assumes no liability for its use.

Relevant Standards

AS/NZS 1336

Recommended practices for occupational eye protection

AS/NZS 1715

Selection, use and maintenance of respiratory protective devices

AS/NZS 1716

Respiratory protective devices

