

# Material Safety Data Sheet

## PVA Concentrate

**CEMENTAID**

### 1. Identification of the material and supplier

<b>Product name</b>	<b>PVA Concentrate</b>
<b>Product use</b>	Concrete curing membrane
<b>Supplier</b>	Cementaid (NSW) Pty Ltd. 44 Alberto Street, Lilyfield, Sydney NSW 2040 Tel: +61 (02) 9810 0725 Fax +61 (02) 9810 4164
<b>Emergency Telephone Number</b>	Above

### 2. Hazards Identification

<b>Statement of hazardous/dangerous nature</b>	NON HAZARDOUS SUBSTANCE
<b>Risk phrases</b>	None
<b>Safety phrases</b>	None

### 3. Composition/information on ingredients

Non Hazardous Ingredient.

<b>Ingredient name</b>	<b>CAS no.</b>	<b>%</b>
Non Hazardous Ingredient	7732-18-5	3.84 -<7.68%
PVA Water Based Adhesive	9003-20-7	3.84 -<7.68%
Dibutyl pthallate	84-74-2	0-0.63%
Vinyl Acetate	108-05-4	0-<0.05% R phrase 11

### 4. First-aid measures

<b>Eye contact</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention if irritation occurs
<b>Skin contact</b>	Wash off immediately with plenty of water. Get medical attention if irritation develops
<b>Inhalation</b>	If inhaled, remove to fresh air. Get medical attention if symptoms appear.
<b>Ingestion</b>	Treat symptomatically
<b>Advice to doctor</b>	

### 5. Fire-fighting measures

<b>Extinguishing media Suitable</b>	Compatible with all usual extinguishing media.
<b>Not suitable</b>	No restrictions
<b>Hazardous decomposition products</b>	
<b>Unusual fire/explosion hazards</b>	Not a known hazard
<b>Special fire-fighting procedures</b>	
<b>Protection of fire-fighters</b>	

### 6. Accidental release measures

<b>Personal precautions</b>	
<b>Environmental precautions</b>	
<b>Large spill</b>	Pick up with absorbent material (e.g. sand, sawdust). Contain and collect into drums for disposal
<b>Small spill</b>	Flush away with water.

## 7. Handling and storage

<b>Handling</b>	The product should be stored, handled and used in accordance with good industrial hygiene practices and in conformity with government regulations.
<b>Storage</b>	Keep container tightly closed. Keep container in a cool, well-ventilated area. Store and use only in equipment/containers designed for use with this product.
<b>Combustibility Classification</b>	
<b>Additional information- Storage</b>	

## 8 . Exposure controls/personal protection

**Ingredient name** Occupational exposure limits

Vinyl acetate (n) TWA: 10 ppm 35 mg/m<sup>3</sup>

<b>Biological Limit Values</b>	No biological limit allocated.
<b>Exposure controls</b> <b>Occupational exposure controls</b>	
<b>Hygiene measures</b>	Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period.
<b>Personal protective equipment</b> <b>Respiratory protection</b>  <b>Skin and body</b> <b>Hand protection</b>  <b>Eye protection</b>	  Minimized contact with skin, wear suitable clothing. Wear protective gloves if prolonged or repeated contact is likely. Safety glasses with side shields.

## 9 . Physical and chemical properties

<b>Physical state.</b>	Liquid
<b>Colour</b>	White (or pink) Liquid
<b>Odour</b>	
<b>Flash point</b>	No flash point up to 100°C
<b>Auto-ignition temperature</b>	
<b>Explosive properties</b>	
<b>Explosion limits</b>	
<b>Vapour pressure</b>	
<b>Vapour density.</b>	
<b>Viscosity</b>	
<b>pH</b>	4.0-5.0
<b>Boiling point / range</b>	100°C
<b>Melting point / range</b>	Not available.
<b>Relative density/Specific gravity</b>	About 1.0
<b>Density</b>	1.0 kilograms/litre
<b>Percentage Volatiles (by volume)</b>	Greater than 75%

**10 . Stability and reactivity**

<b>Stability</b>	The product is stable.
<b>Conditions to avoid</b>	
<b>Incompatibility with various substances/Hazardous Reactions</b>	No hazardous reactions when stored and handled according to prescribed instructions.
<b>Hazardous decomposition products</b>	No decomposition if used as intended.

**11 . Toxicological information**

<b>Effects and symptoms</b>	
<b>Eyes</b>	May cause mild irritation.
<b>Skin</b>	May cause mild irritation after prolonged contact.
<b>Inhalation</b>	
<b>Ingestion</b>	
<b>Chronic toxicity</b>	
<b>Carcinogenic effects</b>	
<b>Mutagenic effects</b>	

**12. Ecological information**

<b>Ecotoxicity</b>	Not expected to be harmful to aquatic life
<b>Biodegradability</b>	
<b>Persistence/degradability</b>	
<b>Mobility</b>	
<b>Bioaccumulative potential</b>	
<b>Other ecological information</b>	Avoid losses to the environment.

**13 . Disposal considerations**

<b>Disposal considerations / Waste information</b>	Dispose of in accordance with local authority regulations.
<b>Special Precautions for Landfill or Incineration</b>	

**14 . Transport information**

International transport regulations

<b>Regulatory information</b>	<b>UN number</b>	<b>Proper shipping name</b>	<b>Class</b>	<b>PG*</b>	<b>Label</b>	<b>Additional information</b>

## MSDS: PVA Concentrate

<b>ADG Classification</b>	Not restricted.	–	–	–		
<b>IMDG Classification</b>	Not restricted.	–	–	–		
<b>IATA/ICAO Classification</b>	Not restricted.	–	–	–		
<b>Special precautions for user</b>						

PG\* : Packing group

### 15 . Regulatory information

Standard for the Uniform Scheduling of Drugs and Poisons

**None allocated**

#### Control of Scheduled Carcinogenic Substances

#### Schedule

**Ingredient name;**

No Listed Substance

<b>Australia Regulations</b>	Labelling requirements for SUSDP do not apply to a poison that is packed and sold solely for industrial, laboratory or manufacturing use. However, this product is labelled in accordance with NOSHC National Code of Practice for labelling of workplace substances.
<b>Other regulations</b> <b>Europe inventory</b> <b>Australia inventory (AICS)</b> <b>Canada inventory</b> <b>China inventory (IECSC)</b> <b>Japan inventory (ENCS)</b> <b>Korea inventory (KECI)</b> <b>Philippines inventory (PICCS)</b> <b>United States inventory (TSCA 8b)</b>	All components are listed or exempted. All components are listed or exempted. All components are listed or exempted. All components are listed or exempted. Not determined. All components are listed or exempted. All components are listed or exempted. All components are listed or exempted

### 16 . Other information

<b>Key to abbreviations</b>	AMP = Acceptable Maximum Peak ACGIH = American Conference of Governmental Industrial Hygienists, an agency that promulgates exposure standards. ADG = Australian Code for the Transport of Dangerous Goods by Road and Rail ADG Code = Australian Code for the Transport of Dangerous Goods by Road and Rail CAS Number = Chemical Abstracts Service Registry Number HAZCHEM Code = Emergency action code of numbers and
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**MSDS: PVA Concentrate**

	<p>letters which gives information to emergency services. Its use is required by the ADG Code for Dangerous Goods in bulk.</p> <p>ICAO = International Civil Aviation Organization.</p> <p>IATA = International Air Transport Association, the organization promulgating rules governing shipment of goods by air.</p> <p>IMDG = International Maritime Organization Rules, rules governing shipment of goods by water.</p> <p>IP 346 = A chemical screening assay for dermal toxicity. The European Commission has recommended that Method IP 346 be used as the basis for labelling certain lubricant oil base stocks for carcinogenicity. The EU Commission has stipulated that the classification as a carcinogen need not apply if it can be shown that the substance contains less than 3% DMSO extract as measured by IP 346. (See Note L, European Commission Directive 67/548/EEC as amended and adapted.) DMSO is a solvent.</p> <p>NOHSC = National Occupational Health &amp; Safety Commission, Australia</p> <p>TWA = Time weighted average</p> <p>STEL = Short term exposure limit</p> <p>UN Number = United Nations Number, a four digit number assigned by the United Nations Committee of Experts on the Transport of Dangerous Goods.</p>
<p><b>History</b>  <b>Date of issue</b>  <b>Date of previous issue</b></p>	

**Notice to reader**

All reasonably practicable steps have been taken to ensure this data sheet and the health, safety and environmental information contained in it is accurate as of the date specified below. No warranty or representation, express or implied is made as to the accuracy or completeness of the data and information in this data sheet.

The data and advice given apply when the product is sold for the stated application or applications. You should not use the product other than for the stated application or applications without seeking advice from us.

It is the user's obligation to evaluate and use this product safely and to comply with all applicable laws and regulations.

Cementaid shall not be responsible for any damage or injury resulting from use, other than the stated product use of the material, from any failure to adhere to recommendations, or from any hazards inherent in the nature of the material. Purchasers of the product for supply to a third party for use at work, have a duty to take all necessary steps to ensure that any person handling or using the product is provided with the information in this sheet. Employers have a duty to tell employees and others who may be affected of any hazards described in this sheet and of any precautions that should be taken.