

Safety Data Sheet

According to Australia Work Health and Safety Regulations and ADG requirements

According to New Zealand Work Safe and Environmental Protection Authority Regulations

Issue date: Feb 16, 2023

Revision date: Feb 16, 2023

Trade name: PVA GLUE STICK

SDS record number: JSQA23021601

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name : PVA GLUE STICK

Synonyms : Glue stick (white)

1.2. Other means of identification

Other means of identification : No data available

1.3. Recommended use of the chemical and restrictions on use

1.3.1. Relevant identified uses

Intended for general public

Main use category : Consumer use

Use of the substance/mixture : Adhesives and sealants - household, office or school use

Function or use category : Adhesives, binding agents

1.3.2. Uses advised against

No additional information available

1.4. Details of the supplier/importer of the safety data sheet

Supplier name : Ningbo Johnshen Stationery Co., Ltd.

Address : 4-1, No. 39, Building 6, Hengchun Sijili, High-tech District, Ningbo, Zhejiang, China

Telephone : +86-574-27839385

Email : wuqianke@johnshen.com.cn

Importer name : Officeworks Ltd

Address : 236 262 East Boundary Road, Bentleigh East VIC 3165, Australia

Telephone : 1300 633 423

1.5. Emergency telephone number

Country	Official advisory body / Company name	Address	Emergency number
China	Ningbo Johnshen Stationery Co., Ltd.	4-1, No. 39, Building 6, Hengchun Sijili, High-tech District, Ningbo, Zhejiang, China	+86-574-27839385
Australia	POISONS INFORMATION CENTRE	-	13 11 26

SECTION 2: Hazards identification

2.1. Classification of the hazardous chemical

Classification according to the WHS and EPA Regulations

Not classified

Adverse physicochemical, human health and environmental effects

To our knowledge, this product does not present any particular risk, provided it is handled in accordance with good occupational hygiene and safety practice.

2.2. Label elements

Not classified as dangerous according to the criteria of Regulations WHS and EPA

No labelling applicable

2.3. Other hazards

No additional information available

SECTION 3: Composition/information on ingredients

PVA GLUE STICK

Safety Data Sheet

According to Australia Work Health and Safety Regulations and ADG requirements

According to New Zealand Work Safe and Environmental Protection Authority Regulations

3.1. Substances

Not applicable

3.2. Mixtures

Chemical Name / Mixture: White glue	CAS No.	%
Water	7732-18-5	76.65
Ethenol, homopolymer	9002-89-5	10
1,2,3-Propanetriol	56-81-5	8.46
Octadecanoic acid, sodium salt	822-16-2	4.81
Phenol, 4-chloro-3-methyl-	59-50-7	0.08

SECTION 4: First aid measures

4.1. Description of first aid measures

First-aid measures general	: Never give anything by mouth to an unconscious person. If you feel unwell, seek medical advice (show the label where possible).
First-aid measures after inhalation	: Remove person to fresh air and keep comfortable for breathing. Allow affected person to breathe fresh air. Allow the victim to rest.
First-aid measures after skin contact	: Remove affected clothing and wash all exposed skin area with mild soap and water, followed by warm water rinse. Wash skin with plenty of water.
First-aid measures after eye contact	: Rinse immediately with plenty of water. Obtain medical attention if pain, blinking or redness persists. Rinse eyes with water as a precaution.
First-aid measures after ingestion	: Rinse mouth. Do NOT induce vomiting. Obtain emergency medical attention. Call a poison center or a doctor if you feel unwell.

4.2. Symptoms caused by exposure

Symptoms/effects	: Not expected to present a significant hazard under anticipated conditions of normal use.
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4.3. Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media	: Foam. Dry powder. Carbon dioxide. Water spray. Sand.
Unsuitable extinguishing media	: Do not use a heavy water stream.

5.2. Special hazards arising from the substance or mixture

Fire hazard	: No additional information available.
Hazardous decomposition products in case of fire	: Toxic fumes may be released.

5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions	: Use water spray or fog for cooling exposed containers. Exercise caution when fighting any chemical fire. Prevent fire fighting water from entering the environment.
Protective equipment for firefighters	: Do not enter fire area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

PVA GLUE STICK

Safety Data Sheet

According to Australia Work Health and Safety Regulations and ADG requirements

According to New Zealand Work Safe and Environmental Protection Authority Regulations

General measures : Evacuate unnecessary personnel. Evacuate area. Avoid contact with skin and eyes.

6.1.1. For non-emergency personnel

Protective equipment : Wear recommended personal protective equipment. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate spillage area. Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. Equip cleanup crew with proper protection. For further information refer to section 8: "Exposure controls/personal protection".

Emergency procedures : Ventilate area.

6.2. Environmental precautions

Avoid release to the environment. Prevent entry to sewers and public waters. Notify authorities if liquid enters sewers or public waters.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up : Take up liquid spill into absorbent material. Soak up spills with inert solids, such as clay or diatomaceous earth as soon as possible. Collect spillage. Store away from other materials.

Other information : Dispose of materials or solid residues at an authorized site.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection". For disposal of residues refer to section 13 : "Disposal considerations".

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment. Provide good ventilation in process area to prevent formation of vapour.

Hygiene measures : Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Keep container closed when not in use. Store in original container. Store in a well-ventilated place. Keep cool.

Information on mixed storage : Keep away from food, drink and animal feedingstuffs.

7.3. Specific end use(s)

No additional information available.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

INGREDIENT DATA

Country	Limit value - TWA	Limit value - STEL
1,2,3-Propanetriol (56-81-5)		
Australia	10 mg/m ³ , This value is for inhalable dust containing no asbestos and < 1% crystalline silica.	-
New Zealand	10 mg/m ³ , The value for inhalable dust containing no asbestos and less than 1% free silica.	-

EMERGENCY LIMITS

Ingredient	TEEL-1	TEEL-2	TEEL-3
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PVA GLUE STICK

Safety Data Sheet

According to Australia Work Health and Safety Regulations and ADG requirements

According to New Zealand Work Safe and Environmental Protection Authority Regulations

Ethenol, homopolymer	24 mg/m ³	270 mg/m ³	1600 mg/m ³
1,2,3-Propanetriol	45 mg/m ³	180 mg/m ³	1100 mg/m ³
Octadecanoic acid, sodium salt	0.17 mg/m ³	1.8 mg/m ³	11 mg/m ³
Phenol, 4-chloro-3-methyl-	5.5 mg/m ³	60 mg/m ³	360 mg/m ³

Ingredient	Original IDLH	Revised IDLH
Not Available	-	-

8.1.2. Recommended monitoring procedures

No additional information available

8.1.3. Air contaminants formed

No additional information available

8.1.4. DNEL and PNEC

No additional information available

8.1.5. Control banding

No additional information available

8.2. Monitoring

No additional information available

8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

8.4. Personal protective equipment

8.4.1. Eye and face protection

Eye protection:

Chemical goggles or safety glasses. Not required for normal conditions of use.

8.4.2. Skin protection

Skin and body protection:

Wear suitable protective clothing.

Hand protection:

Protective gloves. Choosing the proper glove is a decision that depends not only on the type of material, but also on other quality features, which differ for each manufacturer. Time of penetration is to be checked with the glove producer. Not required for normal conditions of use.

8.4.3. Respiratory protection

Respiratory protection:

In case of insufficient ventilation, wear suitable respiratory equipment. Not necessary under the recommended storage and handling conditions.

8.4.4. Thermal hazards

No additional information available

8.4.5. Environmental exposure controls

Environmental exposure controls:

Avoid release to the environment.

Other information:

Keep away from food, drink and animal feedingstuffs. Always wash hands after handling the product.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Gel
Appearance	: Gel
Colour	: White
Odour	: Slight
Odour threshold	: No data available
pH	: 9.2
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: No data available

PVA GLUE STICK

Safety Data Sheet

According to Australia Work Health and Safety Regulations and ADG requirements

According to New Zealand Work Safe and Environmental Protection Authority Regulations

Freezing point	: Not applicable
Boiling point	: > 93 °C
Flash point	: > 150 °C
Auto-ignition temperature	: Not self-igniting
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: No data available
Relative density	: No data available
Solubility	: No data available
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: Not applicable
Viscosity, dynamic	: No data available
Explosive properties	: Product is not explosive
Oxidising properties	: No data available
Explosive limits	: Not applicable

9.2. Other information

9.2.1. Information with regard to physical hazard classes

No additional information available

9.2.2. Other safety characteristics

No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

The product is non-reactive under normal conditions of use, storage and transport.

10.2. Chemical stability

The product is stable at normal handling and storage conditions.

10.3. Possibility of hazardous reactions

No dangerous reactions known under normal conditions of use. Hazardous polymerization will not occur.

10.4. Conditions to avoid

None under recommended storage and handling conditions (see section 7).

10.5. Incompatible materials

No additional information available

10.6. Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Inhaled	: The material is not thought to produce adverse health effects or irritation of the respiratory tract (as classified by WHS and EPA). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable control measures be used in an occupational setting. Not normally a hazard due to non-volatile nature of product.
Ingestion	: The material has NOT been classified by WHS and EPA or other classification systems as harmful by ingestion."This is because of the lack of corroborating animal or human evidence.
Skin Contact	: The material is not thought to produce adverse health effects or skin irritation following contact (as classified by WHS and EPA). Nevertheless, good hygiene practice requires that

PVA GLUE STICK

Safety Data Sheet

According to Australia Work Health and Safety Regulations and ADG requirements
According to New Zealand Work Safe and Environmental Protection Authority Regulations

Eye : exposure be kept to a minimum.
Although the material is not thought to be an irritant (as classified by WHS and EPA), direct contact with the eye may produce transient discomfort characterised by tearing or conjunctival redness (as with windburn).

Chronic : Long-term exposure to the product is not thought to produce chronic effects adverse to the health (as classified by WHS and EPA); nevertheless exposure by all routes should be minimized as a matter of course.

PVA GLUE STICK	TOXICITY	IRRITATION
	Not Available	Not Available
Ethenol, homopolymer	TOXICITY	IRRITATION
	Oral (rat) LD50: 23900 mg/kg	Not Available
	Dermal (rabbit) LD50: > 7940 mg/kg	
1,2,3-Propanetriol	TOXICITY	IRRITATION
	Oral (rat) LD50: 12600 mg/kg	Eye (rabbit): 500 mg/24h - mild
	Dermal (rabbit) LD50: > 10000 mg/kg	Skin (rabbit): 500 mg/24h - mild
	Inhalation (rat) LC50: > 2.75 mg/l/4h	
Phenol, 4-chloro-3-methyl-	TOXICITY	IRRITATION
	Oral (rat) LD50: 1830 mg/kg	Not Available
	Dermal (rabbit) LD50: > 5000 mg/kg	
	Inhalation (rat) LC50: > 2871 mg/m³/4h	

International Agency for Research on Cancer (IARC)		IARC Group	
Ethenol, homopolymer		Group 3, Not classifiable	
Acute Toxicity	✗	Carcinogenicity	✗
Skin Irritation/Corrosion	✗	Reproductivity	✗
Serious Eye Damage/Irritation	✗	STOT - Single Exposure	✗
Respiratory or Skin sensitisation	✗	STOT - Repeated Exposure	✗
Mutagenicity	✗	Aspiration Hazard	✗

Legend: ✗ – Data either not available or does not fill the criteria for classification.
✓ – No data available for the final mixture, but the level of individual ingredients are considered in the overall property.

11.2. Information on other hazards

11.2.1. Endocrine disrupting properties

No additional information available

11.2.2. Other information

Other information : Likely routes of exposure: ingestion, inhalation, skin and eye.

SECTION 12: Ecological information

12.1. Toxicity

PVA GLUE STICK	Endpoint	Test Duration (hr)	Species	Value
	Not Available	Not Available	Not Available	Not Available
1,2,3-Propanetriol	Endpoint	Test Duration (hr)	Species	Value
	LC50	96h	Fish	885 mg/l
	EC50	24h	Crustacea	> 10000 mg/l
	EC50	96h	Algae or other aquatic plants	77712 mg/l

PVA GLUE STICK

Safety Data Sheet

According to Australia Work Health and Safety Regulations and ADG requirements
According to New Zealand Work Safe and Environmental Protection Authority Regulations

	NOEC	168h	Crustacea	800 mg/l
Phenol, 4-chloro-3-methyl-	Endpoint	Test Duration (hr)	Species	Value
	LC50	96h	Fish	6.71 mg/l
	EC50	48h	Crustacea	2 mg/l
	EC50	72h	Algae or other aquatic plants	15 mg/l
	NOEC	504h	Crustacea	0.32 mg/l

12.2. Persistence and degradability

Ingredient	Persistence: Water/Soil	Persistence: Air
Ethenol, homopolymer	LOW	LOW
1,2,3-Propanetriol	LOW	LOW
Phenol, 4-chloro-3-methyl-	LOW	LOW

12.3. Bioaccumulative potential

Ingredient	Bioaccumulation
Ethenol, homopolymer	LOW (BCF = 7.5)
1,2,3-Propanetriol	LOW (LogKOW = -1.76)
Phenol, 4-chloro-3-methyl-	LOW (LogKOW = 3.10)

12.4. Mobility in soil

Ingredient	Bioaccumulation
Ethenol, homopolymer	HIGH (KOC = 1)
1,2,3-Propanetriol	HIGH (KOC = 1)
Phenol, 4-chloro-3-methyl-	LOW (KOC = 717.6)

12.5. Results of PBT and vPvB assessment

	P	B	T
Relevant available data	Not Applicable	Not Applicable	Not Applicable
PBT Criteria fulfilled?	Not Applicable	Not Applicable	Not Applicable

12.6. Endocrine disrupting properties

No additional information available

12.7. Other adverse effects

No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	: Disposal must be done according to official regulations.
Waste treatment methods	: Dispose of contents/container in accordance with licensed collector's sorting instructions.
Product/Packaging disposal recommendations	: Dispose of this material and its container at hazardous or special waste collection point. Dispose in a safe manner in accordance with local/national regulations.
Ecology - waste materials	: Avoid release to the environment.

SECTION 14: Transport information

In accordance with ADG / IMDG / IATA / NZ DG

ADG	IMDG	IATA	NZ DG
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PVA GLUE STICK

Safety Data Sheet

According to Australia Work Health and Safety Regulations and ADG requirements

According to New Zealand Work Safe and Environmental Protection Authority Regulations

14.1. UN number			
Not regulated	Not regulated	Not regulated	Not regulated
14.2. UN proper shipping name			
Not regulated	Not regulated	Not regulated	Not regulated
14.3. Transport hazard class(es)			
Not regulated	Not regulated	Not regulated	Not regulated
14.4. Packing group			
Not regulated	Not regulated	Not regulated	Not regulated
14.5. Environmental hazards			
Not regulated	Not regulated	Not regulated	Not regulated
No supplementary information available			

14.6. Special precautions for user

Specific storage requirement : No data available
Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available
Transport by road and rail
Not regulated
Transport by sea
Not regulated
Air transport
Not regulated

14.8. Hazchem or Emergency Action Code

Hazchem Code : Not applicable

SECTION 15: Regulatory information

This Safety Data Sheet was prepared in accordance with Australia Model Code of Practice for the preparation of Safety Data Sheets for Hazardous Chemicals.

This Safety Data Sheet was prepared in accordance with New Zealand Work Safe and Environmental Protection Authority Regulations.

Australia Medicines & Poisons Appendix A/B/C/D/E/F/G/H/I/J/K/L

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 1/2/3/4/6/7/8/9/10

Poisons schedule number not allocated.

Australia Medicines & Poisons Schedule 5

Phenol, 4-chloro-3-methyl- (59-50-7)

High Volume Industrial Chemicals (HVIC)

Not listed

Australia National Pollutant Inventory (NPI): Threshold quantity

Not listed

Australia Inventory (AICS)

All components of this product are listed in Australian Inventory of Chemical Substances (AICS).

New Zealand Inventory of Chemicals (NZIoC)

Water (7732-18-5) : Does not have an individual approval but may be used under an appropriate group standard
Ethenol, homopolymer (9002-89-5) : Does not have an individual approval but may be used under an appropriate group standard
1,2,3-Propanetriol (56-81-5) : Does not have an individual approval but may be used under an appropriate group standard
Octadecanoic acid, sodium salt (822-16-2) : Does not have an individual approval but may be used under an appropriate group standard

PVA GLUE STICK

Safety Data Sheet

According to Australia Work Health and Safety Regulations and ADG requirements

According to New Zealand Work Safe and Environmental Protection Authority Regulations

Phenol, 4-chloro-3-methyl- (59-50-7) : standard
Does not have an individual approval but may be used under an appropriate group standard

New Zealand HSNO Approval Number

Not Available

New Zealand HSNO Group Standard

Not Available

15.2. International agreements

Montreal Protocol (Ozone depleting substances)

Not listed

The Stockholm Convention (Persistent Organic Pollutants)

Not listed

The Rotterdam Convention (Prior Informed Consent)

Not listed

Basel Convention (Hazardous Waste) and International Convention for the Prevention of Pollution from Ships (MARPOL)

Not listed

SECTION 16: Other information

Abbreviations and acronyms:

ATE	Acute Toxicity Estimate
BCF	Bioconcentration factor
BLV	Biological limit value
BOD	Biochemical oxygen demand (BOD)
COD	Chemical oxygen demand (COD)
DMEL	Derived Minimal Effect level
DNEL	Derived-No Effect Level
EC50	Median effective concentration
IARC	International Agency for Research on Cancer
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
LC50	Median lethal concentration
LD50	Median lethal dose
LOAEL	Lowest Observed Adverse Effect Level
NOAEC	No-Observed Adverse Effect Concentration
NOAEL	No-Observed Adverse Effect Level
NOEC	No-Observed Effect Concentration
OECD	Organisation for Economic Co-operation and Development
OEL	Occupational Exposure Limit
PNEC	Predicted No-Effect Concentration
SDS	Safety Data Sheet
STP	Sewage treatment plant
STEL	Short term exposure limit
ThOD	Theoretical oxygen demand (ThOD)
TLM	Median Tolerance Limit
TWA	Time weighted average
VOC	Volatile Organic Compounds

PVA GLUE STICK

Safety Data Sheet

According to Australia Work Health and Safety Regulations and ADG requirements

According to New Zealand Work Safe and Environmental Protection Authority Regulations

CAS-No.	Chemical Abstract Service number
N.O.S.	Not Otherwise Specified
ED	Endocrine disrupting properties
TRGS	Technical Rules for Hazardous Substances
IOELV	Indicative Occupational Exposure Limit Value
WGK	Water Hazard Class

Safety Data Sheet (SDS), AUS/NZ

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Created by



Gemini Wu, QA Manager

Ningbo Johnshen Stationery Co., Ltd.

End of Safety Data Sheet