

## SAFETY DATA SHEET

ISSUED DATE: 10th September 2016

Revision Date 19-Oct- 2016

Version 1

### Section 1: PRODUCT IDENTIFIER AND CHEMICAL IDENTITY

Product Identifier

Product Name **PVA Plastrene No.5 Blue**

Other means of identification

UN Number **UN1866**

Recommended use of the chemical and restrictions on use.

Recommended Use **Recommended for Industrial and/or Professional use only**

**Details of Distributor**

Fiberglass (A/Asia) Sales Pty. Ltd.  
2 Lincoln Street,  
Minto NSW 2566

For further information, please contact

Contact Point Phone: (02) 9820 1144

Email: [info@fiberglass-sales.com.au](mailto:info@fiberglass-sales.com.au)

Emergency Phone: (02) 9820 1144 (Business Hours)

### Section 2: HAZARD(S) IDENTIFICATION

Classified as dangerous goods in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG)

Classified as a hazardous substance in accordance with the criteria of Safe Work Australia - Globally Harmonised System (GHS)

GHS Classification

Flammable liquids	Category 2 - (H225)
Serious eye damage/eye irritation	Category 2 - (H319)

Label elements



**Signal word**

**Danger**

**Hazard statements**

H225 - Flammable liquids

H319 - Causes serious eye irritation

**Precautionary Statements - Prevention**

Wash face, hands and any exposed skin thoroughly after handling

Wear protective gloves/protective clothing/eye protection/face protection

Keep away from heat/sparks/open flames/hot surfaces. - No smoking

Keep container tightly closed

Ground/bond container and receiving equipment

Use explosion-proof electrical/ ventilating/ lighting/ equipment

Use only non-sparking tools

Take precautionary measures against static discharge

**Precautionary Statements - Response**

Call a POISON CENTRE or doctor/physician if you feel unwell

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

If eye irritation persists: Get medical advice/attention

IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower

In case of fire: Use CO2, dry chemical, or foam for extinction

**Precautionary Statements - Storage**

Store in a well-ventilated place. Keep cool

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Other hazards**

No hazard identified

**Section 3: COMPOSITION/INFORMATION ON INGREDIENTS**

<u>Substance</u>	Not applicable	
<u>Chemical Name</u>	<u>CAS No</u>	<u>Weight-%</u>
Ethanol	64-17-5	60-100
Non-hazardous ingredients	Proprietary	Balance

**Section 4: FIRST AID MEASURES****Description of first aid Measures**

<b>Emergency telephone number</b>	Poisons Information Centre, Australia: 13 11 26
<b>Inhalation</b>	Remove to fresh air. IF exposed or concerned: Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
<b>Skin contact</b>	Wash off immediately with soap and plenty of water while removing all contaminated clothes and shoes. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible).
<b>Eye contact</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing.
<b>Ingestion</b>	Clean mouth with water and drink afterwards plenty of water. to an unconscious person. Treat symptomatically. In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). Do NOT induce vomiting.
<b>Self-protection of the first aider</b>	Remove all sources of ignition. Ensure that medical personnel are aware of the material(s) involved, take precautions to protect themselves and prevent spread of contamination. Use personal protective equipment as required. Wear personal protective clothing (see section 8).

**Most important symptoms and effects, both acute and delayed**

<b>Symptoms</b>	No information available.
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**Indication of any immediate medical attention and special treatment needed**

<b>Note to doctors</b>	Treat symptomatically.
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**Section 5: FIRE FIGHTING MEASURES**

<b><u>Suitable extinguishing media</u></b>	Carbon dioxide (CO2). Dry chemical. Alcohol resistant foam. Water spray.
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<b><u>Unsuitable extinguishing media</u></b>	Do not use water jet stream.
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**Specific hazards arising from the chemical**

Flammable. Risk of ignition. Keep product and empty container away from heat and sources of ignition. In the event of fire, cool tanks with water spray. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

**Special protective actions for fire-fighters**

Wear self-contained breathing apparatus and protective suit. Use personal protective equipment as required.

<b>Hazchem code</b>	• 3YE
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**Section 6: ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures****Personal precautions**

Evacuate personnel to safe areas. Use personal protective equipment as required. See section 8 for more information. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Keep people away from and upwind of spill/leak. ELIMINATE all ignition sources (no smoking, flares, sparks or flames in immediate area). Pay attention to flashback. Take precautionary measures against static discharges. All equipment used when handling the product must be grounded. Do not touch or walk through spilled material.

Ventilate the area.

**For emergency responders**

Use personal protection recommended in Section 8.

**Environmental precautions**

Refer to protective measures listed in Sections 7 and 8. Prevent further leakage or spillage if safe to do so. Prevent product from entering drains.

**Methods and material for containment and cleaning up****Methods for containment**

Stop leak if you can do it without risk. Do not touch or walk through spilled material. A vapour suppressing foam may be used to reduce vapours. Dyke far ahead of spill to collect run-off water. Keep out of drains, sewers, ditches and waterways. Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal.

**Methods for cleaning up.**

Take precautionary measures against static discharges. Dam up. Soak up with inert absorbent material. Pick up and transfer to properly labelled containers.

**Precautions to prevent secondary hazards****Prevention of secondary hazards**

Clean contaminated objects and areas thoroughly observing environmental regulations.

**Reference to other sections**

See section 8 for more information. See section 13 for more information.

**Section 7: HANDLING AND STORAGE****Precautions for safe handling****Advice on safe handling**

Use personal protection equipment. Avoid contact with skin and eyes. Avoid breathing vapours or mists. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. Take precautionary measures against static discharges. Use grounding and bonding connection when transferring this material to prevent static discharge, fire or explosion. Use with local exhaust ventilation. Use spark-proof tools and explosion-proof equipment. Keep in an area equipped with sprinklers. Use according to package label instructions.

**General Hygiene Considerations**

When using do not eat, drink or smoke. Regular cleaning of equipment, work area and clothing is recommended. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wash hands before breaks and immediately after handling the product. Wash hands before breaks and after work.

**Conditions for safe storage, including any incompatibilities****Storage Conditions**

Keep containers tightly closed in a dry, cool and well-ventilated place. Keep away from heat, sparks, flame and other sources of ignition (i.e. pilot lights, electric motors and static electricity). Keep in properly labelled containers. Do not store near combustible materials. Keep in an area equipped with sprinklers. Store in accordance with the particular national regulations.

**Incompatible materials**

None known based on information supplied.

**Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

**Exposure Limits** None known based on information supplied.

Chemical Name	Australia
Ethanol 64-17-5	1000 ppm TWA 1880 mg/m <sup>3</sup> TWA

**Appropriate engineering controls**

**Engineering Controls** Ensure adequate ventilation, especially in confined areas.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Tight sealing safety goggles. Face protection shield.

**Skin and body protection** Antistatic footwear. Wear fire flame resistant/retardant clothing. Gloves made of plastic or rubber. Suitable protective clothing. Apron.

**Respiratory protection** Where respiratory protection is required, use a respirator selected and in accordance with AS/NZS 1715 and AS/NZS 1716.

**Environmental exposure controls** No information available.

## Section 9: PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state	Liquid
Appearance	Blue Hazy
Colour	Blue
Odour	Characteristic
Odour threshold	No information available

<u>Property</u>	<u>Values</u>	<u>Remarks • Method</u>
pH		No information available
Melting point / freezing point		No information available
Boiling point / boiling range	78°C	
Flash point	13°C	CC (Closed Cup)
Evaporation rate	2.53	
Flammability (solid, gas)		No information available
Flammability Limit in Air		
Upper flammability limit:	19%	
Lower flammability limit:	3.5%	
Vapour pressure	58	hPa, 20°C
Vapour density	1.59	@15 °C
Relative density	0.91	
Water solubility		Soluble in Water
Solubility(ies)	-	No information available
Partition coefficient		No information available
Autoignition temperature	391°C	
Decomposition temperature		No information available
Kinematic viscosity		No information available
Dynamic viscosity		No information available
Explosive properties	No information available	
Oxidising properties	No information available	

### Other Information

VOC Content (%)	No information available
Density	No information available

- This information may be derived from the components in the preparation.

## Section 10: STABILITY AND REACTIVITY

<u>Reactivity</u>	No Data Available.
<u>Chemical stability</u>	Stable under normal conditions.
<u>Explosion data</u>	
Sensitivity to Mechanical Impact	None
Sensitivity to Static Discharge	May be ignited by heat, sparks or flames.
<u>Possibility of Hazardous Reactions</u>	
<u>Possibility of Hazardous Reactions</u>	None under normal processing.
<u>Conditions to avoid</u>	Heat, flames and sparks.
<u>Incompatible materials</u>	No information available
<u>Hazardous Decomposition Products</u>	None under normal use conditions.

## Section 11: TOXICOLOGICAL INFORMATION

### Acute toxicity

### Information on likely routes of exposure

#### Product Information

### Numerical measures of toxicity - Product Information

The following values are calculated based on chapter 3.1 of the GHS document  
 Converted acute toxicity point estimates may have been used when only acute toxicity hazard classification is available.

0% of the mixture consists of ingredient(s) of unknown toxicity

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Ethanol	= 7060 mg/kg ( Rat )	-	= 124.7 mg/L ( Rat ) 4 h

See section 16 for terms and abbreviations

**Delayed and immediate effects as well as chronic effects from short and long-term exposure****Skin corrosion/irritation****Serious eye damage/eye irritation****Sensitisation****Germ cell mutagenicity****Carcinogenicity**

Chemical Name	Australia	IARC
Ethanol - 64-17-5		Group 1

**IARC (international Agency for Research on Cancer)**  
Group 1 - Carcinogenic to Humans

**Reproductive toxicity**

No information available

**STOT - single exposure**

No information available

**STOT - repeated exposure****Aspiration hazard**

No information available

**Section 12: ECOLOGICAL INFORMATION****Ecotoxicity**

**Unknown Aquatic Toxicity**                      0% of the mixture consists of components(s) of unknown hazards to the aquatic environment

Chemical Name	Fish
Ethanol	100 mg/L LC50 96 h Pimephales promelas static 12.0 - 16.0 mL/L LC50 96 h Oncorhynchus mykiss static 13400 - 15100 mg/L LC50 96 h Pimephales promelas flow-through

Chemical Name	Crustacea
Ethanol	10800 mg/L EC50 24 h Daphnia magna 2 mg/L EC50 48 h Daphnia magna Static 9268 - 14221 mg/L LC50 48 h Daphnia magna

**Persistence and degradability****Bioaccumulative potential**

No information available.

Chemical Name	Partition coefficient
Ethanol	-0.32

**Mobility****Mobility in soil**

No information available.

**Mobility**

No information available.

**Section 13: DISPOSAL CONSIDERATIONS****Waste treatment methods****Waste from residues/unused products**

Hazardous wastes must be transported by a licensed hazardous waste transporter and disposed of or treated in a licensed hazardous waste treatment, storage, disposal or recycling facility.

**Contaminated packaging**

Disposal should be in accordance with applicable regional, national and local laws and regulations. Observe all label precautions until container is cleaned, reconditioned or destroyed. Refer to all federal, state and local regulations prior to disposal of container and unused contents by reuse, recycle or disposal.

**Section 14: TRANSPORT INFORMATION**

**ADG**

UN Number	UN1866
Proper shipping name	Resin solution
Description	UN1866, Resin solution, 3, II
Hazard Class	3
Packing Group	II
Special Provisions	*
Hazchem code	o3YE
IERG	14

**IMDG**

UN/ID no	UN1866
Proper shipping name	Resin solution
Description	UN1866, Resin solution, 3, III, (31°C c.c.)
Hazard Class	3
Packing Group	II
EmS-No	F-E, S-E

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

No information available

**IATA**

UN/ID no	UN1866
Proper shipping name	Resin solution
Description	UN1866, Resin solution, 3, II
Hazard Class	3
Packing Group	II
ERG Code	3L

**Section 15: REGULATORY INFORMATION**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**National regulations**

**Australia** Classified as dangerous goods in accordance with the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG). Classified as a hazardous substance in accordance with the criteria of Safe Work Australia - Globally Harmonised System (GHS)

See section 8 for national exposure control parameters

**Standard for the Uniform Scheduling of Medicines and Poisons (SUSMP)**

Not scheduled

**Poison Schedule Number** Not scheduled

**Major hazard (accident/incident planning) regulation Verify that license requirements are met**

<u>Hazardous chemical category</u>	<u>Threshold quantity (T)</u>
Liquids that meet the criteria for Class 3 Packing Group II or III	50 000
Liquids with flash points <61°C kept above their boiling points at ambient conditions	200

**National Pollutant Inventory**

Subject to reporting requirement

Chemical Name	National pollutant inventory
Ethanol - 64-17-5	10 tone/yr Threshold category 1 20 MW Threshold category 2b total 60000 MWH Threshold category 2b total 1 tone/h Threshold category 2a total 25 tone/yr Threshold category 1 a total 400 tone/yr Threshold category 2a total 2000 tone/yr Threshold category 2b total

**International Inventories**

<b>AICS</b> - Australian Inventory of Chemical Substances	Listed or exempt
<b>DSL</b> - Canadian Domestic Substances List	Listed or exempt
<b>IECSC</b> - China Inventory of Existing Chemical Substances	No information available
<b>EINECS/ELINCS</b> - European Inventory of Existing Chemical Substances/European List of Listed or exempt Notified Chemical Substances	No information available
<b>ENCS</b> - Japan Existing and New Chemical Substances	No information available

<b>KECL</b> - Korean Existing and Evaluated Chemical Substances	Listed or exempt
<b>NZIoC</b> - New Zealand Inventory of Chemicals	Listed or exempt
<b>PICCS</b> - Philippines Inventory of Chemicals and Chemical Substances	Listed or exempt
<b>CICR</b> - Turkey Chemical Inventory Control Regulation	No information available
<b>NCSR</b> - Taiwan National Chemical Substance Registry	No information available
<b>TSCA</b> - United States Toxic Substances Control Act Section 8(b) Inventory	Listed or exempt

For confirmation on the European Reach status contact the FGA Regional Compliance group for additional information

**International Regulations**

**Ozone-depleting substances (ODS)** Not applicable

**Persistent Organic Pollutants** Not applicable

**Export Notification requirements** Not applicable

## Section 16: ANY OTHER RELEVANT INFORMATION

**Revision Date** 19-Oct- 2016

**Revision Note** The symbol (\*) in the margin of this SDS indicates that this line has been revised.

**Key or legend to abbreviations and acronyms used in the safety data sheet**

**Legend Section 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

TWA	TWA (time-weighted average)	STEL	STEL (Short Term Exposure Limit)
Ceiling	Maximum limit value	*	Skin designation
C	Carcinogen		

**Disclaimer**

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text

**End of Safety Data Sheet**