

Material Safety Data Sheet

PVA PLASTRENE No5 RELEASE AGENT

Infosafe no. AY01I **Issue Date** February 2001 **Status** ISSUED by NUPLEXRE

Not classified as hazardous according to criteria of NOHSC

COMPANY DETAILS

Company

Name FGI, division of Nuplex Industries (Aust) Pty Ltd. (ACN 25 000 045 572)
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NSW 2019

Emergency

Tel. 1800 033 111

Tel/Fax Tel: (02) 9666 0331 Fax: (02) 9666 6661

Other

Information

SYDNEY: 14 Clearview Place, Brookvale NSW 2100
Phone: (02) 9939 1399 Fax: (02) 9938 5826

MELBOURNE: 1612-1638 Centre Road, Springvale VIC 3171
Phone: (03) 9550 5656 Fax: (03) 9547 5179

ADELAIDE: 1A Ashwin Parade, Torrensville SA 5031
Phone: (08) 8234 9499 Fax: (08) 8234 9490

PERTH: 16-18 Coulson Way, Canning Vale WA 6155
Phone: (08) 9455 1972 Fax: (08) 9455 1012

BRISBANE: 20 Production Street, Wacol QLD 4076
Phone: (07) 3271 3944 Fax: (07) 3271 1399

GOLD COAST: Unit 2/6 Ereton Drive, Labrador, QLD 4215
Phone: (07) 5563 7771 Fax: (07) 5563 7888

CAIRNS: 4 Liberty Street, Portsmith QLD 4870
Phone: (070) 35 2126 Fax: (070) 35 2125

NEW ZEALAND: Nuplex Industries Ltd.
12 Industry Road, Penrose, Auckland
Phone: (09) 579 2029 Fax: (09) 525 1618
Emergency Advice (NZ): Phone: 0800 734 607

IDENTIFICATION

Product Code F00563

Product Name PVA PLASTRENE No5 RELEASE AGENT

Proper

Shipping

Name RESIN SOLUTION

Other Names Not Available

UN Number 1866

DG Class 3

Packing

Group III

Hazchem Code3[Y]

Poisons
Schedule Not Scheduled
Product Use Mould release agent.

Physical Data

Appearance Mobile clear to hazy liquid.
Boiling Point 78°C *
Vapour Pressure 5.8 kPa at 20°C *
Specific Gravity 0.91 - 0.93 (H₂O = 1)
Flash Point 13°C Abel CC *
Flamm. Limit LEL 3.5% *
Flamm. Limit UEL 19% *
Solubility in Water Complete.

Other Properties

Volatile Component about 95% by volume
Evaporation Rate 2.53 (Butyl acetate = 1) *
Vapour Density 1.59 (Air = 1) *
Odour Characteristic ethanol.
Colour May be tinted, usually blue.
Form Liquid
Stability Stable.
Haz.
Polymerization Will not occur.
Other Information * for Ethanol.

Ingredients

Ingredients	Name	CAS	Proportion
	Ethanol	64-17-5	45-55 %
	Water	7732-18-5	35-45 %
	Polyvinyl alcohol	25213-24-5	5-15 %
	Alkyl phenol ethoxylate	9016-45-9	0-0.5 %

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed	Headache, dizziness, dullness, gastric disorders and symptoms of central nervous system depression.
Acute - Eye	Moderately irritating.
Acute - Skin	Moderately irritating. Prolonged and repeated contact with skin may cause drying and cracking.
Acute - Inhaled	Moderately irritating to respiratory tract and mucous membranes.
Chronic	Chronic exposure to vapours may result in headache and central nervous system depression. Nasal and eye irritation usually occur at concentrations in air well below exposure standard.

First Aid

Swallowed	DO NOT induce vomiting. Give a glass of water. Seek immediate medical assistance.
Eye	Irrigate with copious amounts of water for at least 15 minutes. Seek medical assistance.
Skin	Wash with plenty of soap and water. Remove contaminated clothing, including shoes. Seek medical assistance if symptoms persist.
Inhaled	Using proper respiratory protection, immediately remove the affected person from exposure. Administer artificial respiration if breathing is stopped. Keep at rest. Seek immediate medical assistance.
First Aid Facilities	Eye wash fountains and safety showers should be easily accessible.

Advice to Doctor

Advice to Doctor	Product contains denatured ethanol.
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Other Health Hazard Information

PRECAUTIONS FOR USE

Exposure Limits	Name	STEL (mgm3)	STEL (ppm)	TWA (mgm3)	TWA (ppm)	FootNote
	Ethanol			1880	1000	

Eng. Controls Use in a well ventilated area only. Local exhaust recommended.

Personal Protection

Respirator Type (AS 1716)	Where concentrations in air may exceed the recommended exposure limits, or work practice or other means of exposure reduction are not adequate, approved respirator may be necessary to prevent overexposure by inhalation.
Eye Protection	Safety glasses or chemical goggles as appropriate.
Glove Type	Chemical resistant gloves.

Clothing Long sleeved overalls.
Footwear Safety boots.

Flammability

Fire Hazards Highly flammable. Keep away from heat, sparks and naked flames.

SAFE HANDLING INFORMATION

Storage and Transport

Storage Precautions Store in well ventilated area. Store away from sources of heat or ignition. Store away from oxidizing agents.

Special Shipping Information IMDG 3.2.

Proper Shipping Name RESIN SOLUTION

EPG Number 3A1

IERG Number 14

Packaging Method 5.9.3RT1,RT7

Spills and Disposal

Spills & Disposal Wear appropriate protection equipment. Do not contaminate streams, rivers or water courses. Do not flush down drains and sewers. Inform local authority if liquid enters drains, sewers, streams, etc. Dike and contain spill with sand or earth. Clean up before the material dries. Absorb the liquid with sand, earth or other absorbent. Place used absorbent in suitable, sealable labelled containers. Wash area with water.

Spills & Leaks This product contains a low level (< 0.5%) of alkylphenol ethoxylates (APE's), and should be prevented from entering aquatic systems.

Disposal Dispose of in accordance with Local, State and Federal regulations.

Fire/Explosion Hazard

Fire/Explos. Hazard Avoid spreading liquid and fire by water flooding.

Hazardous Decomposition or Byproducts Carbon monoxide, carbon dioxide, fumes, smoke.

Fire Fighting Procedures Wear self-contained breathing apparatus.

Fire Fighting Precautions Water spray may be used to keep fire exposed containers cool.

Extinguishing Media Water fog, foam, carbon dioxide or dry chemical.

Hazchem Code 3[Y]

OTHER INFORMATION

Environ. Protection Pkg. & Labelling This product contains a low level (< 0.5%) of alkylphenol ethoxylates (APE's), and should be prevented from entering aquatic systems.
200 litre drums containing 230 kg or 20 litre pails containing 20 kg. Class 3 labels in accordance with the Australian Code for the Transport of Dangerous Goods.

CONTACT POINT

Contact For further information ask for:
Manager Chemicals' Handling Compliance Phone: (02) 9666 0331.
For specialist advice in emergencies: Australia 1800 033 111; New Zealand 0800 734 607.
Nuplex Industries make no representation as to the completeness and accuracy of the data contained in this data sheet. It is the user's obligation to evaluate and use this product safely, and to comply with all relevant Federal, State and Local Government laws and regulations. Nuplex Industries shall not be responsible for loss, damage or injury resulting from reliance upon or failure to adhere to any recommendations or information contained herein, from abnormal use of the material, or from any hazard inherent in the nature of the material.

End of MSDS
