

MATERIAL SAFETY DATA SHEET

AQUASEAL PART A

Infosafe™ YSXJ2 **Issue Date** March 2004 **Status** ISSUED by FGI BS: 1.9.12
No.

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name AQUASEAL PART A

Product Code B82081

Company Name FGI, division of Nuplex Industries (Aust) Pty Ltd. (ABN 25 000 045 572)

Address 14 Clearview Place BROOKVALE
NSW 2100

Emergency Tel. 1800 022 037 (24H)

Telephone/Fax Number Tel: (02) 9939 1399
Fax: (02) 9938 5826

Recommended Use Hardener component of a 2 component epoxy compound.

Other Names None Listed

Other Information NEW ZEALAND: Nuplex Industries Ltd.
12 Industry Road, Penrose, Auckland
Phone: (09) 579 2029 Fax: (09) 525 1618
Emergency Advice (NZ): Phone: 0800 154 666.

2. HAZARDS IDENTIFICATION

Hazard Classification

HAZARDOUS SUBSTANCE.
NON-DANGEROUS GOODS.

Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

Risk Phrase(s)

R43 May cause sensitization by skin contact.
R36/38 Irritating to eyes and skin.

Safety Phrase

S28 After contact with skin, wash immediately with plenty of

- (s) soap and water.
S37/39 Wear suitable gloves and eye/face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

| Ingredients | Name | CAS | Proportion |
|-------------|--|-----------|------------|
| | Water | 7732-18-5 | 60-100 % |
| | Diethylenetriamine | 111-40-0 | 1-5 % |
| | Other ingredients determined not to be hazardous | | Balance |
| | Triethylenetetramine | 112-24-3 | 1-10 % |
| | Tetraethylenepentamine | 112-57-2 | 1-10 % |

4. FIRST AID MEASURES

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| Inhalation | Remove the source of contamination or move the victim to fresh air. Ensure airways are clear and have qualified person give oxygen through a face mask if breathing is difficult. Apply artificial respiration if not breathing. Seek medical attention. |
| Ingestion | Do NOT induce vomiting. Wash out mouth with water. Seek medical attention. |
| Skin | If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with soap and running water. Wash contaminated clothing before re-use. If irritation occurs seek medical advice. . |
| Eye | If contact with the eye(s) occur, wash with running water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. In all cases of eye contamination it is a sensible precaution to seek medical advice. |
| First Aid Facilities | Eye wash and normal washroom facilities. |
| Advice to Doctor | Treat symptomatically or consult a Poisons Information Centre (Phone e.g. Australia 131 126; New Zealand 03 4747000). |

5. FIRE FIGHTING MEASURES

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| Suitable Extinguishing Media | Use appropriate fire extinguisher for surrounding environment. |
| Specific Methods | Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode. |

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| Combustion Products | irritating smoke, fumes and gases including carbon monoxide and carbon dioxide. |
| Specific Methods | Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) and full protective clothing to prevent exposure to vapours, fumes or products of combustion. Water spray may be used to cool down heat-exposed containers. |
| Specific Hazards | Flammable liquid. Ensure adequate ventilation to prevent explosive vapour-air mixtures and prevent build-up of electrostatic charges (i.e. by grounding). Vapour/air mixtures may ignite explosively and flashback along the vapour trail. Remove sources of re-ignition. |
| Hazchem Code | 3[Y] |

6. ACCIDENTAL RELEASE MEASURES

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| Other Information | Remove all sources of ignition. Increase ventilation. Wear appropriate breathing apparatus and full protective clothing to minimise skin and eye exposure. Place inert, non-combustible absorbent such as vermiculite, sand or dirt onto material. Collect the material and place into a suitable labelled container for subsequent disposal. If spilled material enters the waterways contact the Environmental Protection Authority, or your local Waste Management Authority. |
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7. HANDLING AND STORAGE

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| Precautions for Safe Handling | Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Ensure a high level of personal hygiene is maintained when using this product. That is, always wash hands before eating, drinking smoking or using the toilet. When using do not eat, drink or smoke. Operators should wear antistatic footwear and clothing. Prevent the creation of flammable or explosive concentrations of vapour in air and avoid vapour concentration higher than the occupational exposure limit. Keep containers closed when not in use. The product should only be used in areas from which all naked lights and other sources of ignition have been excluded. |
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| Conditions for Safe Storage | Store in a cool, dry, well ventilated area away from sources of ignition. This product should be stored away from foodstuffs and strong oxidising agents. |
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For information on the design of the storerooms or warehouses reference should be made to Australian Standard AS1940, The Storage and Handling of Flammable and Combustible Liquids. Reference should also be made to any relevant state or local regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| National | No exposure standards have been established for this material by |
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- Eye Protection** Safety glasses with side shields, goggles or full-face shield as appropriate recommended. Final choice of appropriate eye/face protection will vary according to individual circumstances i.e. methods of handling or engineering controls and according to risk assessments undertaken. Eye protection should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.
- Hand Protection** Wear gloves of impervious material. Final choice of appropriate gloves will vary according to individual circumstances i.e. methods of handling or according to risk assessments undertaken. Reference should be made to AS/NZS 2161.1: Occupational protective gloves - Selection, use and maintenance.
- Body Protection** Wear appropriate clothing including chemical resistant apron where clothing is likely to be contaminated. It is advisable that a local supplier of personal protective clothing is consulted regarding the choice of material.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance** Translucent waterborne dispersion with an ammoniacal odour.
- Melting Point** Not available.
- Boiling Point** 100°C
- Solubility in Water** Completely dispersible
- Specific Gravity** 1.00 (water=1)
- Vapour Pressure** Not available.
- Flash Point** Not applicable.
- Flammability** This product is not combustible.
- Flammable Limits - Lower** Not applicable.
- Flammable Limits - Upper** Not applicable.

10. STABILITY AND REACTIVITY

- Chemical Stability** Stable under normal conditions.
- Incompatible Materials** Unknown.
- Hazardous Decomposition Products** Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide, carbon dioxide and oxides of nitrogen.

Polymerization Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information No toxicity data is available for this product.

Inhalation Not normally an inhalation risk due to low vapour pressure at ambient temperatures.

Ingestion No adverse effects expected however large amounts may cause nausea and vomiting.

Skin Irritating to skin resulting in redness and itching. This product may cause sensitisation in some individuals.

Eye Irritating to eyes. On eye contact this product will cause tearing, stinging, blurred vision, and redness.

Chronic Effects Prolonged or repeated skin contact may lead to allergic contact dermatitis and sensitisation in some individuals.

12. ECOLOGICAL INFORMATION

Environment Protection Prevent this material entering waterways, drains and sewers.

13. DISPOSAL CONSIDERATIONS

Waste Disposal Dispose of according to relevant government regulations.

14. TRANSPORT INFORMATION

Transport Information Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail or NZS 5433:1999 Transport of Dangerous Goods on Land.

15. REGULATORY INFORMATION

Regulatory Information Poisons Schedule (Australia): S5
Poisons Schedule (New Zealand): NS

Hazard Category Irritant

16. OTHER INFORMATION

Contact Person/Point For further information ask for: For specialist advice in emergencies: Australia 1800 022 037; New Zealand 0800 154 666.

IMPORTANT ADVICE: This MSDS summarizes our best knowledge of the health and safety hazard information of the product and how to safely handle and use the product in the workplace. Each user should read this MSDS and consider the information in the context of how the product will be handled and used in the workplace including its use in conjunction with other products. If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact Nuplex Industries (Aust) Pty Ltd. Our responsibility for products sold is subject to our standard terms and conditions, a copy of which is sent to our customers and is also available on request.

End of MSDS

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Print Date: 12/02/2008

BS: 1.9.12