



6.5B - Substance that is a contact sensitiser

Hazard statement code:

H320 Causes eye irritation.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

Precautionary statement codes- prevention:

P102 Keep out of reach of children. - This statement applies only where the substance is available to the general public.

P103 Read label before use. - This statement applies only where the substance is available to the general public.

P104 Read Safety Data Sheet before use.

P264 Wash hands thoroughly after handling.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P272 Contaminated work clothing should not be allowed out of the workplace.

Precautionary statement codes- Response:

P101 If medical advice is needed, have product container or label at hand. - This statement applies only where the substance is available to the general public.

EYE

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists: Get medical advice/attention.

SKIN

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

P362 Take off contaminated clothing and wash before re-use.

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

P363 Wash contaminated clothing before reuse.

Precautionary statement codes - Storage:

No statements

Precautionary statement codes - Disposal:

P501 In the case of a substance that is in compliance with a HSNO approval other than a Part 6A (Group Standards) approval, a label must provide a description of one or more appropriate and achievable methods for the disposal of a substance in accordance with the Hazardous Substances (Disposal) Regulations 2001. This may also include any method of disposal that must be avoided.

#### Risk Phrase(s)

R43 May cause sensitization by skin contact.

R36/38 Irritating to eyes and skin.

#### Safety Phrase(s)

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.

S28 After contact with skin, wash immediately with plenty of water and soap.

S24/25 Avoid contact with skin and eyes.

S37/39 Wear suitable gloves and eye/face protection.

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### 3. COMPOSITION/INFORMATION ON INGREDIENTS

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#### Ingredients

Name	CAS	EINECS	Proportion
Polyamide resin	68082-29-1		50-75 %
Ingredients determined not to be hazardous			(Balance)

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### 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 a qualified person give oxygen through a face mask if breathing is difficult. Seek medical attention.

#### Ingestion

Do NOT induce vomiting. Wash out mouth with water. If symptoms develop seek medical

attention.

**Skin**

Remove all contaminated clothing. Wash gently and thoroughly with water and non-abrasive soap. Ensure contaminated clothing is washed before re-use or discard. If irritation develops and persists seek medical attention.

**Eye**

If contact with the eyes occurs, wash with copious amounts of water holding eyelids open. Take care not to rinse contaminated water into the non-affected eye. If symptoms persist seek medical attention.

**First Aid Facilities**

Eye wash and normal washroom facilities.

**Advice to Doctor**

Treat symptomatically.

**Other Information**

For advice, contact the Poisons Information Centre (Australia 131 126; New Zealand 0800 POISON / 0800 764 766).

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## 5. FIRE FIGHTING MEASURES

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**Suitable Extinguishing Media**

Extinguish fire with foam, dry chemical powder, carbon dioxide, water spray or water fog.

**Hazards from Combustion Products**

Under fire conditions this product may emit toxic and/or irritating smoke, fumes and gases including carbon monoxide, carbon dioxide and nitrogen oxides.

**Specific Hazards**

This product is non-combustible. However, following evaporation of aqueous component under fire conditions, the non-aqueous component may decompose and/or burn.

**Precautions in connection with Fire**

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.

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## 6. ACCIDENTAL RELEASE MEASURES

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**Emergency Procedures**

Wear appropriate personal protective equipment and clothing to minimise exposure. Increase ventilation. If possible contain the spill. Place inert absorbent material onto spillage. Collect the material and place into a suitable labelled container. Do not dilute material but contain. Dispose of waste according to federal, Environmental Protection Authority and state regulations. If the spillage 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 skin and eye contact. Avoid inhalation of vapour and mists. Maintain high standards of personal hygiene ie. wash hands after handling this material, and prior to eating, drinking, smoking or using toilet facilities.

**Conditions for Safe Storage**

Store in a cool, dry, well-ventilated area, out of direct sunlight. Store in

suitable, labelled containers. Keep containers closed when not in use. Ensure that storage conditions comply with applicable local and national regulations.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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### **National Exposure Standards**

No exposure standards have been established for the mixture by the National Occupational Health & Safety Commission (NOHSC), Australia or the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour. However, over-exposure to some chemicals may result in enhancement of pre-existing adverse medical conditions and/or allergic reactions and should be kept to the least possible levels.

### **Biological Limit Values**

No Biological limit available.

### **Engineering Controls**

Use with good general ventilation. If mists or vapours are produced local exhaust ventilation should be used.

### **Respiratory Protection**

Avoid breathing of vapours, mists or spray. Where ventilation is inadequate and vapours or mists are generated, the use of an approved respirator with organic vapour filter complying with AS/NZS 1715 and AS/NZS 1716 is recommended. Filter capacity and respirator type depends on exposure levels. Expert advice should be sought to ensure a suitable respirator is chosen for individual circumstances.

### **Eye Protection**

Safety glasses with side shields, goggles or full faceshield should be worn as described in Australian Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

### **Hand Protection**

Wear laminated film, nitrile or other suitable gloves conforming to AS/NZS 2161: Occupational protective gloves.

### **Body Protection**

Suitable protective clothing should be worn e.g. cotton overalls buttoned at neck and wrist. When large quantities are handled the use of plastic aprons and rubber boots is recommended.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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### **Appearance**

White or grey paste

### **Odour**

Mild odour

### **Melting Point**

Not applicable

### **Boiling Point**

100°C (As for water)

### **Solubility in Water**

Soluble

### **Specific Gravity**

1.24 (at 25°C)

### **pH Value**

Not available

**Vapour Pressure**

Not available

**Vapour Density (Air=1)**

Not available

**Flash Point**

Not applicable

**Flammability**

Non combustible material

**Auto-Ignition Temperature**

Not available

**Flammable Limits - Lower**

Not applicable

**Flammable Limits - Upper**

Not applicable

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## 10. STABILITY AND REACTIVITY

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**Chemical Stability**

Stable under normal conditions.

**Conditions to Avoid**

Extremes of temperature.

**Incompatible Materials**

Halogens, epoxy resins, strong acids, oxidising agents.

**Hazardous Decomposition Products**

Under fire conditions this product may emit toxic and/or irritating fumes, smoke and gases including carbon monoxide, carbon dioxide and oxides of nitrogen.

**Hazardous Reactions**

May react with strong oxidising agents.

**Hazardous Polymerization**

Will not occur

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## 11. TOXICOLOGICAL INFORMATION

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**Toxicology Information**

No toxicity information is available for this material.

**Inhalation**

Not expected to be an inhalation hazard due to the low vapour pressures of the components at ambient temperatures. At elevated temperatures inhalation of vapours may cause irritation to the nose, throat and respiratory tract.

**Ingestion**

Ingestion of this product may irritate the gastric tract causing nausea and vomiting.

**Skin**

Will cause irritation in contact with the skin. May cause sensitisation by skin contact.

**Eye**

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

**Chronic Effects**

May cause sensitisation in susceptible individuals by skin contact.

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## 12. ECOLOGICAL INFORMATION

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**Ecotoxicity**

Not available

**Persistence / Degradability**

Not available

**Mobility**

Not available

**Environ.** Avoid contaminating waterways.

**Protection**

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## 13. DISPOSAL CONSIDERATIONS

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**Disposal Considerations**

Disposal of the spilled or waste product must be done in accordance with applicable local and national regulations.

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## 14. TRANSPORT INFORMATION

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**Transport Information**

Australia;  
Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

New Zealand;  
Not classified as Dangerous Goods for transport according to the NZS 5433:2007 Transport of Dangerous Goods on Land.

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## 15. REGULATORY INFORMATION

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**Regulatory Information**

Australia:  
Classified as hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC).  
Not classified as a Scheduled Poison according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

**Poisons Schedule**

Not Scheduled

**National and or International Regulatory Information**

New Zealand:  
Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.  
Group Standard:  
Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2006  
HSNO Approval Number: HSR002503.

**Hazard Category**

Irritant, Sensitising

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## 16. OTHER INFORMATION

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**Date of preparation or last revision of MSDS**

MSDS Review: May 2009

Supersedes: June 2005

**Contact Person/Point**

Paul Verren 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.

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End of MSDS

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