

Material Safety Data Sheet

R180

Infosafe no. 1HK0P **Issue Date** February 1999 **Status** ISSUED by NUPLEXRE

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)
Address 49-61 Stephen Road BOTANY
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 F22181

Product Name R180

Proper

Shipping

Name None Allocated

Other Names None Listed

UN Number None Allocated

DG Class None Allocated

Packing

Group None Allocated

Hazchem Code None Allocated

Poisons
Schedule S5
Product Use In conjunction with epoxy hardeners for laminate and for civil engineering applications.

Physical Data

Appearance Amber liquid.
Boiling Point Not determined.
Vapour Pressure Not determined.
Specific Gravity 1.15 (H₂O = 1).
Flash Point 154°C, Pensky Martens Closed Cup.
Flamm. Limit
LEL Not determined.
Solubility in Water Insoluble.

Other Properties

Odour Characteristic.
Form Liquid
Stability Stable.
Haz.
Polymerization Will not occur.
Materials to Avoid Oxidising and reducing agents, ammonia, amines, strong acids and alkalies.

Ingredients

| Ingredients | Name | CAS | Proportion |
|-------------|-------------------------|------------|------------|
| | Bisphenol A Epoxy Resin | 25085-99-8 | 85-95 % |
| | Benzoyl alcohol | 100-51-6 | 5-15 % |

HEALTH HAZARD INFORMATION

Health Effects

Acute - Swallowed Acute oral toxicity for product has not been determined. Acute oral toxicity (rat) for components of this product are each in excess of 2000 mg/kg.
Acute - Eye May cause slight transient (temporary) eye irritation. Corneal injury is unlikely.
Acute - Skin A single prolonged exposure is not likely to result in the material being absorbed through the skin in harmful amounts. May cause sensitisation by skin contact.
Acute - Inhaled Not expected to be an inhalation hazard by this route due to the low vapour pressures of the components at ambient temperatures.
Chronic Long Term Hazards (Chronic Exposure):
Inhaled - Prolonged exposure to high concentrations of vapour may affect the central nervous system.

Skin Contact - Product may be a skin sensitiser in some individuals.
Eye Contact - Corneal injury may occur.

First Aid

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| Swallowed | DO NOT induce vomiting. Give glass of water. Call a doctor and/or transport to a hospital promptly. |
| Eye | Hold eyes open and wash thoroughly with flowing water for at least 15 minutes. Seek immediate medical attention. |
| Skin | Wash skin thoroughly with soap and flowing water for 15 minutes. DO NOT use solvents to remove product from skin. It is recommended to remove contaminated clothing immediately. Wash clothing thoroughly before re-use. Discard contaminated footwear. |
| 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

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| Advice to Doctor | No specific antidote. Treat symptomatically. |
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Other Health Hazard Information

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| Sensitization of Product | May cause sensitisation by skin contact. |
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PRECAUTIONS FOR USE

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| Other Exposure Info. | Exposure Standards are not established. |
| Eng. Controls | Provide general and/or local exhaust ventilation, depending on type of operations, to control airborne exposures. |

Personal Protection

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| Respirator Type (AS 1716) | Not required for normal operations. For emergency conditions, use an approved positive pressure self contained breathing apparatus. |
| Eye Protection | Wear chemical goggles. Eye wash facilities should be located in the immediate work area. |
| Glove Type | Wear impervious gloves when handling or using this product. |
| Clothing | Long sleeved overalls. |
| Footwear | Safety boots. |

Flammability

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| Fire Hazards | Combustible liquid, Class C2. Keep away from heat, sparks and naked flames. |
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SAFE HANDLING INFORMATION

Storage and Transport

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| Storage Precautions | Store in cool place away from heat and ignition sources. Keep partially used product containers closed. Store away from foodstuffs, clothing and keep out of each of children. Store away from amines. |
| Proper Shipping Name | None Allocated |

Spills and Disposal

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| Spills & Disposal | Soak up in an absorbent material, such as sand, sawdust or an absorbent clay. Place in secure container for disposal. |
| Disposal | Burn in an adequate incinerator or bury in an approved landfill. Dispose of in accordance with Local, State and Federal regulations. |

Fire/Explosion Hazard

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| Fire/Explos. Hazard | Drums may rupture when exposure to fire conditions. |
| Hazardous Decomposition or Byproducts | Phenolics, carbon monoxide, carbon dioxide, fumes and smoke. |
| Fire Fighting Procedures | Wear positive pressure self-contained breathing apparatus. |
| Fire Fighting Precautions | Water spray may be used to keep fire exposed containers cool. |
| Extinguishing Media | Foam, water, dry chemical or carbon dioxide. |
| Hazchem Code | None Allocated |

OTHER INFORMATION

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| Toxicology | Acute Oral Toxicity (rat) for components of this product are each in excess of 2000 mg/kg. |
| Environ. Protection | Avoid contaminating waterways. |
| Risk Statement | R43 May cause sensitization by skin contact. |
| Safety Statement | R36/38 Irritating to eyes and skin. S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S24/25 Avoid contact with skin and eyes. S37/39 Wear suitable gloves and eye/face protection. |
| Pkg. & Labelling Hazard Category | Combustible liquid - Class C2 label required, including Schedule 5 Poison requirements. Irritant |

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
