

# MATERIAL SAFETY DATA SHEET

## SURECOTE 300 SL (PART B)

Infosafe™ NUP41      **Issue Date** December 2005      **Status** ISSUED by      BS: 1.9.12  
No.      NUPCP

### 1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

**Product Name** SURECOTE 300 SL (PART B)

**Product Code** B82076

**Company Name** Nuplex Construction Products, a Divsn of Nuplex Indust. (Aust)  
Pty Ltd (ABN 25 000 045 572)

**Address** 49-61 Stephen Road BOTANY  
NSW 2019

**Emergency Tel.** 1800 022 037 (24H)

**Telephone/Fax Number** Tel: (02) 9839 4000  
Fax: (02) 9674 6225

**Recommended Use** Curing agent for epoxy resins - flooring, laminates, electrical applications.

**Other Names** Not Available

**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**

Australia:  
Classified as Hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC), Australia.  
Classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

New Zealand:  
Classified as Hazardous according to the New Zealand Hazardous Regulations 2001.  
Classified as Dangerous Goods for transport, according to the New Zealand Standard NZS 5433:1999 Transport of Dangerous Goods

on Land.

**Risk Phrase(s)**

R34 Causes burns.  
 R43 May cause sensitization by skin contact.  
 R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.

**Safety Phrase (s)**

S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.  
 S38 If insufficient ventilation, wear suitable respiratory equipment.  
 S45 In case of accident or if you feel unwell seek medical advice immediately  
 S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Benzyl Alcohol	100-51-6	30-60 %
	Isophorone diamine	2855-13-2	10-30 %
	m-Xylene diamine	1477-55-0	0-10 %

### 4. FIRST AID MEASURES

<b>Inhalation</b>	If inhaled, remove from contaminated area. Apply artificial respiration if not breathing. Seek immediate medical attention.
<b>Ingestion</b>	Do NOT induce vomiting. Wash out mouth with water and give plenty of water to drink. Seek immediate medical attention.
<b>Skin</b>	Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. Seek immediate medical attention.
<b>Eye</b>	If contact with the eye(s) occurs, wash with copious amounts of water holding eyelid(s) open. Take care not to rinse contaminated water into the non-affected eye. Seek immediate medical attention.
<b>First Aid Facilities</b>	Eye wash fountains and safety showers should be easily accessible.
<b>Advice to Doctor</b>	Treat symptomatically.

### 5. FIRE FIGHTING MEASURES

Suitable  
 Extinguishing

<b>Media</b>	Foam, water, dry chemical or carbon dioxide.
<b>Hazards from Combustion Products</b>	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
<b>Hazchem Code</b>	2X
<b>Precautions in connection with Fire</b>	Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

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## 6. ACCIDENTAL RELEASE MEASURES

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<b>Emergency Procedures</b>	Wear appropriate personal protective equipment and clothing to minimise exposure. Extinguish or remove all sources of ignition and stop leak if safe to do so. Increase ventilation. Evacuate all unnecessary personnel. If possible contain the spill. Place inert absorbent material onto spillage. Use clean non-sparking tools to 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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<b>Precautions for Safe Handling</b>	Use in a well ventilated area. DO NOT store or use in confined spaces. Build up of mists or vapours in the atmosphere must be prevented. Avoid breathing in spray or mists or vapours. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. When dealing with this product, repeated or prolonged skin exposure without protection should be prevented in order to lessen the possibility of skin disorders. It is essential that all who come into contact with this material maintain high standards of personal hygiene ie. Washing hands prior to eating, drinking, smoking or using toilet facilities.
<b>Conditions for Safe Storage</b>	Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, foodstuffs, and clothing and out of direct sunlight. Keep containers closed when not in use and securely sealed and protected against physical damage. Inspect regularly for deficiencies such as damage or leaks. Do NOT pressurise, cut, heat or weld containers as they may contain hazardous residues. For information on the design of the storeroom, reference should be made to Australian Standard AS1940 - The storage and handling of flammable and combustible liquids. Reference should also be made to AS 3780-1994: The storage and handling of corrosive substances.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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<b>National</b>	Australian National Occupational Health And Safety Commission
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<b>Exposure Standards</b>	(NOHSC) Exposure Standards:					
	Substance		TWA			
	STEL	NOTICE				
			ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
	m-Xylene-diamine		-	0.1 (Peak)	-	-
	Sk					

New Zealand Occupational Safety and Health Service (OSH)						
Workplace Exposure Standards:						
	Substance		TWA			
	STEL	NOTICE				
			ppm	mg/m <sup>3</sup>	ppm	mg/m <sup>3</sup>
	m-Xylene-diamine		-	0.1 (ceiling)	-	-
	Sk					

**Biological Limit Values** No biological limit allocated.

**Other Exposure Information** As published by the National Occupational Health and Safety Commission (NOHSC):  
 As published by the New Zealand Occupational Safety and Health Service (OSH):  
 TWA - the Time-Weighted Average airborne concentration over an eight-hour working day, for a five-day working week over an entire working life.  
 STEL (Short Term Exposure Limit) - the average airborne concentration over a 15-minute period, which should not be exceeded at any time during a normal eight-hour workday.

**Engineering Controls** Provide sufficient ventilation to keep airborne levels below the exposure limit. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a local exhaust ventilation system is required. Refer to AS1940 - The storage and handling of flammable and combustible liquids and AS2430 - Explosive gas atmospheres for further information concerning ventilation requirements.

**Respiratory Protection** If engineering controls are not effective in controlling airborne exposure then respiratory protective equipment should be used suitable for protecting against airborne contaminants. Final choice of appropriate breathing protection is dependant upon actual airborne concentrations and the type of breathing protection required will vary according to individual circumstances. Expert advice may be required to make this decision. Reference should be made to Australian Standards AS/NZS 1715, Selection, Use and maintenance of Respiratory Protective Devices; and AS/NZS 1716, Respiratory Protective Devices.

**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** Suitable work wear should be worn to protect personal clothing,

eg cotton overalls buttoned at neck and wrist. When large quantities are handled the use of plastic aprons and rubber boots is recommended. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

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<b>Appearance</b>	Amber liquid.
<b>Odour</b>	Ammoniacal.
<b>Melting Point</b>	Not applicable.
<b>Boiling Point</b>	Not available.
<b>Solubility in Water</b>	Insoluble.
<b>Specific Gravity</b>	1.00 - 1.03
<b>pH Value</b>	Not available.
<b>Vapour Pressure</b>	Not available.
<b>Vapour Density (Air=1)</b>	Not available.
<b>Flash Point</b>	112°C PMCC
<b>Auto-Ignition Temperature</b>	Not available.
<b>Flammable Limits - Lower</b>	Not available.
<b>Flammable Limits - Upper</b>	Not available.

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## 10. STABILITY AND REACTIVITY

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<b>Chemical Stability</b>	Stable under normal use conditons.
<b>Conditions to Avoid</b>	Heat, direct sunlight, open flames or other sources of ignition.
<b>Incompatible Materials</b>	Epoxies, strong acids, oxidising agents.
<b>Hazardous Decomposition Products</b>	Ammonia, volatile amines, carbon monoxide, carbon dioxide, nitrogen oxides, smoke and fumes.
<b>Hazardous Polymerization</b>	Will not occur.

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## 11. TOXICOLOGICAL INFORMATION

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<b>Inhalation</b>	Harmful if inhaled. Inhalation of mists or vapours will result in respiratory irritation and possible harmful corrosive effects including lesions of the nasal septum, pulmonary edema, pneumonitis and emphysema.
<b>Ingestion</b>	Harmful if swallowed. Ingestion of this product may cause nausea, vomiting, abdominal pain and chemical burns to the mouth, throat and stomach.
<b>Skin</b>	Skin contact will cause redness, itching, irritation, severe pain and chemical burns with resultant tissue destruction. May cause sensitisation by skin contact.
<b>Eye</b>	Eye contact will cause stinging, blurring, tearing, severe pain and possible permanent corneal damage.
<b>Chronic Effects</b>	Prolonged exposure to high concentrations of vapour may affect the central nervous system. Prolonged or repeated skin contact will cause severe irritation and burns, and may cause allergic contact dermatitis.

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## 12. ECOLOGICAL INFORMATION

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<b>Ecotoxicity</b>	No data is available for this material.
<b>Persistence / Degradability</b>	No data is available for this material.
<b>Mobility</b>	No data is available for this material.
<b>Environment Protection</b>	Avoid contaminating waterways.

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## 13. DISPOSAL CONSIDERATIONS

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<b>Disposal Considerations</b>	Dispose of waste according to federal, EPA and state regulations.
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## 14. TRANSPORT INFORMATION

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<b>Transport Information</b>	<p>Australia:</p> <p>This material is classified as a Class 8 (Corrosive) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Dangerous goods of Class 8 (Corrosive) are incompatible in a placard load with any of the following:</p> <ul style="list-style-type: none"><li>- Class 1, Explosive</li><li>- Class 4.3, Dangerous When Wet Substance</li><li>- Class 5.1, Oxidising Agent</li></ul>
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- Class 5.2, Organic Peroxide
  - Class 6, Toxic and Infectious Substances, if the Class 6 dangerous goods are cyanides and the Class 8 dangerous goods are acids
  - Class 7, Radioactive Substance
- and are incompatible with food and food packaging in any quantity.

New Zealand:

This material is classified as a Class 8 - Corrosive Substance according to NZS 5433:1999 Transport of Dangerous Goods on Land.

Must not be loaded in the same freight container or on the same vehicle with:

- Class 1, Explosives
  - Class 5.1, Oxidising substances
  - Class 5.2, Organic peroxides
  - Class 7, Radioactive materials unless specifically exempted
- And are incompatible with food and food packaging in any quantity.

Note 1; Cyanides (Class 6.1) must not be loaded in the same freight container or on the same vehicle with acids (Class 8).

Note 2; Strong acids must not be loaded in the same freight container or on the same vehicle with strong alkalis. Packing Group I and II acids and alkalis should be considered as strong.

Must not be loaded with in the same freight container; and on the same vehicle must be separated horizontally by at least 3 metres unless all but one are packed in separate freight containers with:

- Class 4.3, Dangerous when wet substances
- Goods of packing group II or III may be loaded in the same freight container or on the same vehicle if transported in segregation devices with:

- Class 4.3, Dangerous when wet substances
- Class 5.1, Oxidising substances
- Class 5.2, Organic peroxides

And are incompatible with food and food packaging in any quantity.

<b>U.N. Number</b>	1760
<b>Proper Shipping Name</b>	CORROSIVE LIQUID, N.O.S. - (CONTAINS MIXED AROMATIC AND ALICYCLIC AMINES 10-40% BY WEIGHT)
<b>DG Class</b>	8
<b>Hazchem Code</b>	2X
<b>Packaging Method</b>	3.8.8
<b>Packing Group</b>	III
<b>EPG Number</b>	8A1
<b>IERG Number</b>	37

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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).  
Poison Schedule: Schedule 5

New Zealand:  
Scheduled as a Harmful Substance S4 according to the Toxic  
Substances Regulations 1983.

**Poisons  
Schedule** S5

S5 Other: S4

**Hazard Category** Harmful, Corrosive

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## 16. OTHER INFORMATION

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**Date of  
preparation or  
last revision  
of MSDS** MSDS reviewed: December 2005.

**Contact  
Person/Point** Australia: Business Hours: Mr Paul Verren  
Telephone: (02) 9839 4024  
Emergency Tel: 1800 022 037

New Zealand: Business Hours: Technical Manager  
(09) 279 2029  
Emergency Tel: 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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