

Material Safety Data Sheet

SURECOTE 200 B RAPID

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				NUPLEXIN

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name

SURECOTE 200 B RAPID

Product Code

B82086

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
New Zealand: Nuplex Industries Ltd., 12 Industry Road, Penrose, Auckland

Emergency Tel.

Australia: 1800 022 037 (24H); New Zealand: 0800 154 666 (24H)

Telephone/Fax Number

Tel: Australia: (02) 9839 4000; New Zealand; (09) 579 2029 Fax: Australia: (02) 9674 6225; New Zealand: (09) 525 1618

Recommended Use

Curing agent for epoxy resins.

Other Names

Not Available

2. HAZARDS IDENTIFICATION

Hazard Classification

Australia:

Classified as Hazardous, according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).

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 Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001, New Zealand.

Classified as Dangerous Goods for transport, according to the NZS 5433:1999 Transport of Dangerous Goods on Land.

HSNO Classification:

6.5B - Substance that is a contact sensitiser

8.2B - A substance that is corrosive to dermal tissue

8.3A - A substance that is corrosive to ocular tissue

9.2C - Substance that is harmful in the soil environment

Hazard statement code:

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H423 Harmful to the soil environment.

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.

P260 Do not breathe dust/fume/gas/mist/vapours/spray*.

P261 Avoid breathing dust/fume/gas/mist/vapours/spray*. specify applicable conditions

P264 Wash skin thoroughly after handling.

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

P273 Avoid release to the environment. - This statement does not apply where this is the intended use.

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

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.

P301+P330+P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

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

P303+P361+P353 IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing.

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

P310 Immediately call a POISON CENTER or doctor/physician.

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

P363 Wash contaminated clothing before reuse.

Precautionary statement codes - Storage:

P405 Store locked up.

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)

R34 Causes burns.

R43 May cause sensitization by skin contact.

R20/22 Harmful by inhalation and if swallowed.

Safety Phrase(s)

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

S38 In case of insufficient ventilation, wear suitable respiratory equipment.

S45 In case of accident or if you feel unwell seek medical advice immediately

S24/25 Avoid contact with skin and eyes.

S36/37/39 Wear suitable protective clothing, gloves and eye/face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients

Name	CAS	EINECS	Proportion
Benzyl Alcohol	100-51-6	202-859-10-30	%
Cycloaliphatic Amine Adduct		9	(Balance)

4. FIRST AID MEASURES

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

Wash affected area thoroughly with copious amounts of running water. Remove contaminated clothing and wash before reuse. Seek medical attention.

Eye

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.

First Aid Facilities

Eye wash and normal washroom facilities.

Advice to Doctor

Treat symptomatically or consult a Poisons Information Centre (Phone 131 126).

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Use dry agent, foam or water mist.

Hazards from Combustion Products

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

Specific Hazards

Combustible liquid. This product will burn if exposed to fire.

Hazchem Code

2X

Precautions in connection with Fire

Fire-fighters should wear full protective clothing and self contained breathing apparatus (SCBA) operated in positive pressure mode.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures

Remove all sources of ignition. Increase ventilation. Wear appropriate breathing apparatus and full protective clothing to avoid 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 large quantities of this material enter the waterways contact the Environmental Protection Authority, or your local Waste Management Authority.

7. HANDLING AND STORAGE

Precautions for Safe Handling

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. Exposure without protection must be prevented in order to lessen the possibility of disorders.

Conditions for Safe Storage

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 all State and Federal regulations.

Corrosiveness

Corrosive to metals.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards

No exposure standards have been established for this material by the Australian National Occupational Health & Safety Commission (NOHSC) or the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour.

Biological Limit Values

No biological limit allocated.

Engineering Controls

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

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 faceshield should be worn as described in Australian Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection

Wear gloves of impervious material such as Impervious PVC or rubber gloves. 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 protective clothing should be worn e.g. cotton overalls buttoned at neck and wrist.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance

Clear liquid.

Odour

Slightly ammoniacal odour.

Melting Point

Not available

Boiling Point

Not available

Solubility in Water

Not available

Specific Gravity

1.00 to 1.03

Vapour Pressure

Not available

Vapour Density (Air=1)

Not available.

Flash Point

112°C (PMCC)

Flammability

Combustible.

Flammable Limits - Lower

Not available

Flammable Limits - Upper

Not available

10. STABILITY AND REACTIVITY

Chemical Stability

Stable under normal conditions.

Conditions to Avoid

Extremes of temperature and direct sunlight.

Incompatible Materials

Oxidising agents

Hazardous Decomposition Products

The amine type component of this product will decompose at temperatures above 260°C and generate ammonia.

Hazardous Polymerization

Will not occur.

11. TOXICOLOGICAL INFORMATION

Toxicology Information

No toxicity data is available for this product.

Inhalation

Harmful by inhalation. Inhalation of mists or vapours will result in respiratory irritation and possible harmful corrosive effects including lesions of the nasal septum, pulmonary oedema, pneumonitis and emphysema.

Ingestion

Harmful if swallowed. Ingestion of this product will irritate the gastric tract causing nausea and vomiting. Ingestion of this product may cause nausea, vomiting, abdominal pain and chemical burns to the mouth, throat and stomach.

Skin

Skin contact will cause redness, itching, irritation, severe pain and chemical burns with resultant tissue destruction. This product may cause sensitisation in some individuals.

Eye

Eye contact will cause stinging, blurring, tearing, severe pain and possible permanent corneal damage.

Chronic Effects

Prolonged or repeated skin contact may lead to allergic contact dermatitis and sensitisation in some individuals. The skin may react by producing redness, irritation, weals or pustules.

12. ECOLOGICAL INFORMATION

Ecotoxicity

No data available for this specific product.

Persistence / Degradability

Not available.

Mobility

Not available.

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

13. DISPOSAL CONSIDERATIONS

Disposal Considerations

Dispose of waste according to federal, EPA and state regulations.

14. TRANSPORT INFORMATION

Transport Information

Australia:

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:

- Class 1, Explosive
- Class 4.3, Dangerous When Wet Substance
- Class 5.1, Oxidising Agent
- 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.

U.N. Number

1760

Proper Shipping Name

CORROSIVE LIQUID, N.O.S. - (CONTAINS CYCLOALIPHATIC AMINE ADDUCT)

DG Class

8

Hazchem Code

2X

Packing Group

III

IERG Number

37

15. REGULATORY INFORMATION

Regulatory Information

Australia:

Classified as hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC).

Poison Schedule: Schedule 5

Poisons Schedule

S5

National and or International Regulatory Information

New Zealand:

Classified as Hazardous according to the Hazardous Substances (Minimum degrees of hazard) Regulations 2001.

Group standard:

Additives, Process Chemicals and Raw Materials (Corrosive) Group Standard 2006

HSNO Approval Number:

HSR002491

Hazard Category

Harmful, Corrosive, Sensitising

16. OTHER INFORMATION

Date of preparation or last revision of MSDS

MSDS Reviewed: December 2007

MSDS Created: December 2002

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
