

MATERIAL SAFETY DATA SHEET**SURECOTE 200.A.SPECIAL COLOUR**

Infosafe™ NLYBA **Issue Date** July 2006 **Status** ISSUED by BS: 1.9.12
No. NUPCP

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name SURECOTE 200.A.SPECIAL COLOUR

Product Code B1SECRSC

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 Flooring compound.

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)

R43 May cause sensitization by skin contact.
 R36/38 Irritating to eyes and skin.
 R51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

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 soap and water.
 S61 Avoid release to the environment. Refer to special instructions/safety data sheet.
 S24/25 Avoid contact with skin and eyes.
 S37/39 Wear suitable gloves and eye/face protection.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients	Name	CAS	Proportion
	Epoxy Resin (number average molecular weight <= 700)	25068-38-6	60-70 %
	Butanedioldiglycidyl ether	2425-79-8	0-10 %
	Ingredients determined not to be hazardous		Balance to 100%
	Bisphenol F-epichlorohydrin resin with Number Average Molecular Weight <700	28064-14-4	10-30 %

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 copious amounts of water. Seek medical attention.
Skin	If skin or hair contact occurs, remove contaminated clothing and flush skin and hair with 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.
Other Information	For advice, contact a Poisons Information Centre (Phone eg Australia 131 126) or a doctor at once.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media	Use carbon dioxide, dry chemical, and foam or water mist.
Hazards from Combustion Products	Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide and carbon dioxide.
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.
Unsuitable Extinguishing Media	Water in a jet.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	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

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. 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.
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Conditions for Safe Storage Classified as a Class C2 (COMBUSTIBLE LIQUID) for the purposes of storage and handling. 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.

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. However, over-exposure to any chemical 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 allocated.

Engineering Controls Good ventilation adequate to maintain the airborne contamination below target levels or exposure standards is required. The use of a local exhaust ventilation system (drawing vapours/mists away from workers breathing zone) is recommended. If the engineering controls are not sufficient to maintain concentrations of particulates and vapours below the exposure standards, suitable respiratory protection must be worn.

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/New Zealand 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.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Coloured thick liquid.

Odour Not available.

Melting Point Not available.

Boiling Point Not available.

Solubility in Water Insoluble.

Specific Gravity 1.506

pH Value Not available.

Vapour Pressure Not available.

Vapour Density (Air=1) Not available.

Viscosity 2600 cP

Flash Point >150°C

Auto-Ignition Temperature Not available.

Flammable Limits - Lower Not available.

Flammable Limits - Upper Not available.

10. STABILITY AND REACTIVITY

Chemical Stability Stable under normal conditions.

Conditions to Avoid Heat, direct sunlight, open flames or other sources of ignition.

Incompatible Materials Bisphenol A and F:
Reacts with strong oxidising agents. Polymerises exothermically with amines, mercaptans and Lewis acids at ambient temperature and above. Polymerises in contact with caustic soda. Reacts exothermically with bases (eg caustic soda), ammonia, primary and secondary amines, alcohols and acids.

Hazardous

Decomposition Products Thermal decomposition may result in the release of toxic and/or irritating fumes.

Hazardous Polymerization Bisphenol A and F:
Polymerises exothermically with amines, mercaptans and Lewis acids at ambient temperature and above. Polymerises in contact with caustic soda.

11. TOXICOLOGICAL INFORMATION

Inhalation Inhalation of product vapours may cause irritation of the nose, throat and respiratory system.

Ingestion Ingestion of this product may cause irritation to the gastric tract and upper respiratory tract, causing nausea, diarrhoea and vomiting.

Skin Will cause irritation in contact with skin, resulting in redness, itching and dermatitis. 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 Prolonged or repeated skin contact may lead to allergic contact dermatitis and sensitisation in some individuals.

12. ECOLOGICAL INFORMATION

Ecotoxicity Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Persistence / Degradability No data is available for this material.

Mobility No data is available for this material.

Environment Protection Do not allow product to enter drains, waterways or sewers.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations Do not allow into drains or watercourses or dispose of where ground or surface waters may be affected. Wastes including emptied containers are controlled wastes and should be disposed of in accordance with all federal, E.P.A., state and local regulations. Assure conformity with all applicable regulations.

14. TRANSPORT INFORMATION

Transport Australia:

Information This material is classified as a Class 9 (Miscellaneous Dangerous Goods) Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. Dangerous goods of Class 9 (Miscellaneous Dangerous Goods) are incompatible in a placard load with any of the following:

- Class 1, Explosive
- Class 5.1, if the Class 9 substance is a fire risk substance
- Class 5.2, if the Class 9 substance is a fire risk substance

New Zealand:

This material is classified as a Class 9 - Miscellaneous 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

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:

(Note 3; Segregation devices may be used as to segregate dangerous goods of Class 9 when the nature of those dangerous goods requires them to be segregated from dangerous goods of);

- Class 3, Flammable liquids
- Class 4.1, Flammable solids
- Class 4.2, Spontaneously combustible substances
- Class 4.3, Dangerous when wet substances
- Class 5.1, Oxidising substances
- Class 5.2, Organic peroxides
- Class 6.1, Toxic substances
- Class 6.2, Infectious substances
- Class 8, Corrosive substances

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

U.N. Number	3082
Proper Shipping Name	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. - (CONTAINS BISPHENOL A AND BISPHENOL F EPOXY RESINS)
DG Class	9
Hazchem Code	2X
Packaging Method	3.8.9
Packing Group	III
EPG Number	9C1
IERG Number	47

15. REGULATORY INFORMATION

Regulatory Information

Australia:
Classified as hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC).
Poison Schedule: Schedule 5

New Zealand:
Classified as Hazardous according to the Hazardous Substances

(Classification) Regulations 2001.
Not scheduled according to the Toxic Substances Regulations
1983.

**Poisons
Schedule** S5

S5 New Zealand:Not Scheduled

Hazard Category Irritant,Dangerous for the environment

16. OTHER INFORMATION

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

MSDS created: July 2006.

**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.

End of MSDS

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Print Date: 12/02/2008

BS: 1.9.12