nuplex Construction Products

MSDS

MATERIAL SAFETY DATA SHEET

SURECOTE 500 PART A RAPID SCREED

Infosafe™ No. NLXDM **Issue Date** May 2005 **Status** ISSUED by FGI BS: 1.9.12

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name SURECOTE 500 PART A RAPID SCREED

Product Code B84380

Company Name FGI, division of Nuplex Industries (Aust) Pty Ltd. (ABN 25 000 045 572)

Address 14 Clearview Place BROOKVALE
NSW 2100

Emergency Tel. 1800 022 037 (24H)

Telephone/Fax Number Tel: (02) 9939 1399
Fax: (02) 9938 5826

Recommended Use Base or Part A of a general purpose epoxy binder.

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

HAZARDOUS SUBSTANCE.
DANGEROUS GOODS.

Hazard classification according to the criteria of NOHSC.
Dangerous goods classification according to the Australia Dangerous Goods Code.

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.
S61 Avoid release to the environment. Refer to special instructions/safety data sheet.
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	Proportion
	Bisphenol A epoxy resin	25068-38-6	60-100 %
	(C12-14) Alkylglycidyl ether	68609-97-2	10-30 %

4. FIRST AID MEASURES

Inhalation

Remove the source of contamination or move the victim to fresh air. Ensure airways are clear, if breathing is difficult have qualified person give oxygen through a face mask. If not breathing apply artificial respiration. Seek medical attention.

Ingestion

Do not induce vomiting. In case of spontaneous vomiting, be sure that vomit can drain freely. Do not give anything by mouth to an unconscious person. Seek immediate medical attention.

Skin

Remove contaminated clothing. Wash affected skin areas with soap and water. If irritation persists seek medical attention.

Eye

Wash with large amount of water, holding eyelid(s) open. Take care not to rinse contaminated water into non-affected eye. Seek IMMEDIATE medical attention.

First Aid Facilities

Eye wash fountains and safety showers should be easily accessible.

Advice to Doctor

Treat symptomatically.

Other Information

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

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Water spray, water fog, foam, carbon dioxide or dry chemical powder.

Hazards from Combustion Products

Carbon monoxide, carbon dioxide.

Specific Hazards	Combustible liquid. Remove sources of ignition and heat. May also emit toxic fumes under fire conditions. Fire-exposed containers may rupture/explode.
Hazchem Code	2X
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.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures	Remove all sources of ignition. Increase ventilation. Evacuate all unnecessary personnel. Use self-contained breathing apparatus (S.C.B.A) and full protective clothing to minimise exposure. Place inert absorbent, non combustible material onto spillage. Collect using non-sparking tools and place into a suitable labelled container. If large quantities of this material enters the environment, contact the relevant regulatory authorities.

7. HANDLING AND STORAGE

Precautions for Safe Handling	Wear appropriate protective equipment to prevent inhalation, skin and eye contact. Keep containers closed when not in use. Ensure a high level of personal hygiene is maintained when using this product. When using do not eat, drink or smoke.
Conditions for Safe Storage	Store in a cool, dry, well-ventilated area away from sources of heat or ignition. This product should be stored away from foodstuffs, and strong oxidising agents. Keep containers closed at all times - check regularly for leaks.

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	A local and/or general exhaust ventilation system is recommended to keep employee exposures as low as possible. The use of a local exhaust ventilation system (drawing vapours/mists away from workers breathing zone) is preferred.
Respiratory Protection	If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable

vapour/mist filter should be used. 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, in order to make any necessary changes for individual circumstances.

Eye Protection Contact lenses pose a special hazard as they may absorb irritants. Safety glasses with side shields or chemical goggles should be worn. Final choice of appropriate eye/face protection will vary according to individual circumstances. Eye protection devices should conform with Australian/New Zealand Standard AS/NZS 1337 - Eye Protectors for Industrial Applications.

Hand Protection Impervious gloves (such as PVC) recommended. Final choice of appropriate glove type will vary according to individual circumstances, including methods of handling or engineering controls as determined by appropriate risk assessments. Refer to AS/NZS 2161 Occupational protective gloves- Selection, use and maintenance.

Body Protection Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance Transparent liquid.

Odour None

Melting Point Not available

Boiling Point Not available

Solubility in Water Insoluble

Specific Gravity 1.0-1.1

Vapour Pressure Negligible

Evaporation Rate Not available

Flash Point >93°C

Flammability Combustible liquid.

Auto-Ignition Temperature Not available

Flammable Limits - Lower Not available

Flammable Limits - Upper Not available

10. STABILITY AND REACTIVITY

Chemical Stability	Stable
Incompatible Materials	Strong oxidising agents.
Hazardous Decomposition Products	Carbon monoxide may be produced on burning.
Hazardous Polymerization	Not known

11. TOXICOLOGICAL INFORMATION

Toxicology Information	No toxicology data available for this product.
Inhalation	Vapour or mist can cause severe irritation to the respiratory tract. Symptoms may include coughing, sneezing.
Ingestion	May cause irritation to the gastrointestinal system. Symptoms may include nausea, vomiting, diarrhoea and abdominal pain.
Skin	Will cause irritation to skin, which can result in redness and itching. May also cause sensitisation.
Eye	Will cause irritation to eye which can result in redness, swelling, itching, stinging and excessive tearing.
Chronic Effects	Prolonged or repeated contact with this material may result in skin sensitisation.

12. ECOLOGICAL INFORMATION

Ecotoxicity	Not available
Persistence / Degradability	Not available
Mobility	Not available
Bioaccumulative Potential	Not available
Environment Protection	Avoid contaminating waterways. Do not allow product to enter drains, waterways or sewers. Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

13. DISPOSAL CONSIDERATIONS

Disposal Considerations	Disposal should be in accordance with the relevant local, state and federal government regulations.

14. TRANSPORT INFORMATION

Transport Information

Australia:
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 epoxy resin)

DG Class 9

Hazchem Code 2X

Packaging Method 3.8.9

Packing Group III

EPG Number 9C1

IERG Number 47

15. REGULATORY INFORMATION

Regulatory

Australia:

Information	Classified as hazardous according to criteria of National Occupational Health & Safety Commission (NOHSC). Poison Schedule: Schedule 6 New Zealand: Not scheduled according to the Toxic Substances Regulations 1983.
Poisons Schedule	S6 S6 ; New Zealand:Not Scheduled
Hazard Category	Irritant,Dangerous for the environment

16. OTHER INFORMATION

Date of preparation or last revision of MSDS	MSDS Review: May 2005 MSDS Superseded: April 2005
Contact Person/Point	For further information ask for: 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.

End of MSDS