Material Safety Data Sheet

SURECOTE 200 / 200 FG (PART A) - RANGE

Infosafe No.	1HL84	**Version No.**	**ISSUED Date**	June 2009	**Status** ISSUED by NUPLEXIN

Classified as hazardous according to criteria of NOHSC

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

Product Name
SURECOTE 200 / 200 FG (PART A) - RANGE

Product Code
VARIOUS

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
Flooring.

Other Names
None Listed

2. HAZARDS IDENTIFICATION

Hazard Classification
Australia:
Classified as Hazardous according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).
Not 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 Substances (Minimum Degrees of Hazard) Regulations 2001.
Not classified as Dangerous Goods for transport according to the NZS 5433:2007 Transport of Dangerous Goods on Land.
HSNO Classification:
6.1D - Substance that is acutely toxic if swallowed.
6.1E - Substance that is acutely toxic in contact with skin.
6.3A - Substance that is irritating to the skin.

6.4A - Substance that is irritating to the eye.
6.5B - Substance that is a contact sensitiser.
9.1B - Substance that is ecotoxic in the aquatic environment
9.2C - Substance that is harmful in the soil environment.

Hazard statement code:
H302 Harmful if swallowed.
H313 May be harmful in contact with skin.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H320 Causes eye irritation.
H411 Toxic to aquatic life with long lasting effects.
H423 Harmful to the soil environment.

Precautionary statement codes- prevention:
P102 Keep out of reach of children.
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.
P261 Avoid breathing mist/vapours/spray.
P264 Wash skin thoroughly after handling.
P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.
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.
P391 Collect spillage.
INGESTION
P301+P312 IF SWALLOWED: Call a POISON CENTER or doctor/physician if you feel unwell.
P330 Rinse mouth.
P331 Do NOT induce vomiting.
SKIN:
P302+P352 IF ON SKIN: Wash with plenty of soap and water.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P333+P313 If skin irritation or rash occurs: Get medical advice/ attention.
P363 Wash contaminated clothing before reuse.
EYES:
P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337+P313 If eye irritation persists: Get medical advice/attention.

Precautionary statement codes - Storage:
No storage statements

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)
R43 May cause sensitization by skin contact.
R36/38 Irritating to eyes and skin.

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 water and seek medical advice.
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	EINECS	Proportion
Crystalline Silica	14808-60-7	238-878-4	30-60 %

(Quartz)		4	
Bisphenol A epoxy resin	25085-99-8		10-30 %
Benzyl alcohol	100-51-6	202-859-9	0-10 %
Alkyl glycidyl ether	68609-97-2	271-846-8	0-10 %
Pigments and extenders	Proprietary		0-10 %
Ingredients determined not to be hazardous			(Balance)

4. FIRST AID MEASURES

Inhalation
If inhaled, remove affected person from contaminated area. Keep at rest until recovered. If symptoms persist seek medical attention.

Ingestion
Do not induce vomiting. Wash out mouth thoroughly with water. If symptoms develop seek medical attention.

Skin
Wash affected area thoroughly with soap and water. Remove contaminated clothing and wash before reuse or discard. Seek medical attention.

Eye
If in eyes, hold eyelids apart and flush the eyes continuously with running water. Continue flushing for several minutes until all contaminants are washed out completely. Seek medical attention.

First Aid Facilities
Eye wash fountains and safety showers should be easily accessible.

Advice to Doctor
Treat symptomatically.

Other Information
For advice, contact a Poisons Information Centre (Phone eg Australia 131 126; New Zealand 0800 764 766) or a doctor (at once).

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media
Use dry agent, carbon dioxide, foam or water spray or fog.

Hazards from Combustion Products
Under fire conditions this product may emit toxic and/or irritating fumes including carbon monoxide, carbon dioxide and phenolics.

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

Precautions in connection with Fire
Fire fighters should wear Self-Contained Breathing Apparatus (SCBA) operated in positive pressure mode and full protective clothing to prevent exposure to vapours or fumes. Water spray may be used to cool down heat-exposed containers.

6. ACCIDENTAL RELEASE MEASURES

Emergency Procedures
Remove all sources of ignition. Increase ventilation. Wear appropriate breathing apparatus and full protective clothing to minimise skin and eye exposure. If possible contain the spill. 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. Do not use near welding or other ignition sources and avoid sparks. Do not smoke. Wear appropriate protection. When the cured product is sanded, machined or ground, particulate respirator protection should be worn to avoid exposure to crystalline silica. 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.

Conditions for Safe Storage
Store in a cool, dry well-ventilated area away from heat, sources of ignition, oxidising agents, amines, 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 applicable local and national regulations.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

National Exposure Standards
No exposure value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC), Australia or the Occupational Safety and Health Service (OSH) of the New Zealand Department of Labour. However, the available exposure limits for ingredients are listed below:

National Occupational Health And Safety Commission (NOHSC), Australia Exposure Standards:
Substance TWA
ppm mg/m³
Crystalline Silica - 0.1

New Zealand Occupational Safety and Health Service (OSH) Workplace Exposure Standards:
Substance TWA
ppm mg/m³
Crystalline Silica - 0.2

TWA (Time Weighted Average): The average airborne concentration of a particular substance when calculated over a normal eight-hour working day, for a five-day week.

Biological Limit Values
No biological limit allocated.

Engineering Controls
Provide sufficient ventilation to keep airborne levels below the exposure limits. Where vapours or mists are generated, particularly in enclosed areas, and natural ventilation is inadequate, a flameproof exhaust ventilation system is required. Refer to AS 1940 - The storage and handling of flammable and combustible liquids and AS/NZS 2430.3.1:1997 : Classification of hazardous areas - Examples of area classification - General, for further information concerning ventilation requirements.

Respiratory Protection
If engineering controls are not effective in controlling airborne exposure then an approved respirator with a replaceable mist/vapor filter should be used. When machining or sanding the cured product a respirator with a particulate filter should be worn. 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, in order to make any necessary changes for individual circumstances.

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 conforming to AS/NZS 2161.1:2000 : Occupational protective gloves - Selection, use and maintenance.

Body Protection
Suitable protective workwear, e.g. cotton overalls buttoned at neck and wrist is recommended. Chemical resistant apron is recommended where large quantities are handled. Industrial clothing should conform to the specifications detailed in AS/NZS 2919: Industrial clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance
Amber liquid.

Odour
Slight odour

Melting Point
Not available

Boiling Point
Not available

Solubility in Water
Insoluble

Specific Gravity
1.70-1.80

pH Value
Not available

Vapour Pressure
Not available

Vapour Density (Air=1)
Not available

Flash Point
100°C

Flammability
Combustible liquid. Australia; Class C1.

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
Extremes of temperature and direct sunlight.

Incompatible Materials
Amines, strong acids, oxidising agents.

Hazardous Decomposition Products
Thermal decomposition may result in the release of toxic and/or irritating fumes including carbon monoxide, carbon dioxide and phenolics.

Hazardous Polymerization
Will not occur by itself, but will occur with amines with considerable evolution of heat.

11. TOXICOLOGICAL INFORMATION

Toxicology Information
No toxicology data available for this product.

Inhalation
Inhalation of product vapours at elevated temperatures, may cause irritation to the nose, throat and other parts of the respiratory system.

Ingestion
Ingestion of this product may irritate the gastric tract causing nausea, diarrhoea and vomiting.

Skin
This product will be irritating to 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
This product contains crystalline silica (quartz). No exposure to free respirable crystalline silica is anticipated during normal use of this product. It should be noted, however, that respirable crystalline silica has been listed as a Group 1 human carcinogen by the IARC. Inhalation of respirable silica may cause silicosis or other serious delayed lung injury. Grinding or machining of coated materials may release silica. Use approved dust respirator when grinding or machining cured product.

12. ECOLOGICAL INFORMATION

Ecotoxicity
Not available

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:
Not classified as Dangerous Goods, according to the Australian Code for the Transport of Dangerous Goods by Road and Rail.

New Zealand:
Not classified as Dangerous Goods for transport according to the NZS 5433:2007 Transport of Dangerous Goods on Land.

15. REGULATORY INFORMATION

Regulatory Information
Australia:
Classified as Hazardous, according to criteria of National Occupational Health & Safety Commission, Australia (NOHSC).
Classified as a Scheduled Poison (S5), according to the Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

Poisons Schedule
S5

National and or International Regulatory Information
New Zealand:
Classified as Hazardous according to the New Zealand Hazardous Substances (Minimum Degrees of Hazard) Regulations 2001.
Group Standard:
Additives, Process Chemicals and Raw Materials (Subsidiary Hazard) Group Standard 2006
HSNO Approval Number: HSR002503.

Hazard Category
Irritant, Sensitising

16. OTHER INFORMATION

Date of preparation or last revision of MSDS
MSDS Reviewed: June 2009
MSDS Created: July 2004

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
