

Material Safety Data Sheet



1.0 - Product & Company Identification

- 1.1) Product Name **Supercoat™ Supershield Plus**
- 1.2) Product Description A specially formulated ultra long life, highbuild, coloured topcoat with a matte finish for use over masonry substrates. Formulated using water borne Acrylic, cross linking polymer technology, containing fungicides and ceramic oxide pigments for extended durability. PTFE technology provides a self cleaning system. Designed for maximum durability against Ultra Violet light, high humidity and erosion from strong winds and driving rain. The Supercoat™ Supershield Plus is Alkali resistant. This product has been designed to provide a strong barrier against moisture ingress whilst still allowing the building to breathe.
- 1.3) Manufacturer Ironbark Technology Ltd
PO Box 2398
Dunedin
New Zealand
- Phone : +64 3 456 4222
Email : info@ironbark.technology
- 1.4) Emergency Contact National Poison Centre
0800 POISON - (0800 764 766)
www.poisons.co.nz

2.0 - Hazard Identification

- 2.1) Grouping Classification N/A
- 2.2) Substance Classification N/A
- 2.3) UN Number N/A
- 2.4) Dangerous Goods Class N/A
- 2.5) Hazchem Code N/A
- 2.6) HSNO Classification Non hazardous according to NZ HSNO (Hazardous Substances & New Organisms Act 1996) regulations. Not regulated under NZS 5443:1999 for land transportation.

3.0 - Health Hazard Information

- 3.0) Skin Potentially may cause irritation to skin with prolonged or repeated skin contact.
- 3.1) Eyes Potential to cause irritation to eyes.

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- 3.2) Inhalation Repeated and excessive inhalation may result in headaches, nausea, dizziness, asphyxiation.
- 3.3) Swallowed Potentially harmful if swallowed.

4.0 - First Aid

- 4.0) Skin Irritations Remove contaminated clothing and wash thoroughly before re-use. Wash skin thoroughly with water and soap. If skin irritation persists seek medical advice.
- 4.1) Eye Irritations Rinse carefully with water for several minutes. Remove contact lenses if possible and continue to rinse. If irritation persists seek medical advice.
- 4.2) Inhalation Move to a ventilated area with fresh air, rest in a comfortable position for breathing. If respiratory illness persists seek medical advice.
- 4.3) Swallowed If swallowed dilute by drinking 1 or 2 glasses of water, DO NOT induce vomiting. Seek medical advice and/or contact the NZ national poisons centre 0800 POISONS (0800 764 766) immediately.

5.0 - Explosion Hazards

- 5.1) Auto Ignition Temperature N/A
- 5.2) Flash Point N/A

6.0 - Fire Fighting

- 6.1) Extinguishers Use appropriate extinguishers to combat the surrounding fire.
- 6.2) Protective Equipment Self supporting breathing apparatus accompanied by suitably protective clothing.
- 6.3) Hazardous Components Material has boiling point of 100°C, at this point splattering may occur.
- 6.4) Combustion Emissions Carbon Monoxide, Carbon Dioxide and possibly yielding Acrylic Monomer units.

7.0 - Spill Control

- 7.1) Spill Containment Clear the area of surrounding spectators and avoid inhalation of dust and/or vapour emissions. The area will be slippery, take care to avoid falling. Contain spill with an inert material like sand or earthy materials. Remove waste material for disposal. Take care to protect municipal waterways and open bodies of water from any contaminants.
- 7.2) Disposal of Contaminants Incinerate the contaminated material at a permitted facility, or in accordance with all local applicable regulations.

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8.0 - Safe Handling & Storage Instructions

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| 8.1) Avoiding Contact | Avoid contact with eyes, skin and clothing. |
| 8.2) Cleaning | Clean thoroughly after handling. |
| 8.3) Vapours & Emissions | Do not breathe vapours or gaseous emissions. |
| 8.4) Containment | Keep containers closed at all times when not in use. |
| 8.5) Storage | Store in a well ventilated space. |

9.0 - Physical & Chemical Properties

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| 9.1) Physical State | Liquid |
| pH | 8.7 - 9.3 |
| Specific Gravity | 1.24 - 1.34 |
| Odour | Slightly ammoniacal |
| Boiling Point | 100°C |
| Water Solubility | Completely miscible |