



MATERIAL SAFETY DATA SHEET

CONCRETESHIELD

1. IDENTIFICATION OF THE MATERIAL AND SUPPLIER

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|---------------------|---|
| Product Name | Concrete Shield |
| Product Code | - |
| Other Names | - |
| Product Use | Surface sealant for porous mineral surfaces such as concrete, bricks, pavers and sandstone. |
| Importer Name | International Trading & Consulting Pty Ltd |
| Address | Unit 4 Platinum Business Park 34-36 Ralph Street Alexandria NSW 2015 02 9669 3555 |
| Telephone Number | 02 9669 3555 |
| Emergency Telephone | |

2. HAZARDS IDENTIFICATION

HAZARDOUS SUBSTANCE. NON DANGEROUS GOODS.
Classified as hazardous according to the criteria of Safe Work Australia.

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| Risk Phrases | R65- Harmful: May cause lung damage if swallowed R66 - Repeated exposure may cause skin dryness or cracking |
| Safety Phrases | S45 - In case of accident or if you feel unwell, seek medical advice immediately (show the label where possible). S53 - Avoid exposure-obtain special instructions before use. |

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Ingredient (common name) | CAS Number | Proportion |
|---|-------------|------------|
| Isoparaffine (EINECS: 292-460-6) | 90622-58-5 | >90% |
| Mixture of miner oil distillates and hydrophobic agents | Proprietary | to 100% |

4. FIRST AID MEASURES

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| Inhalation | If inhaled remove victim to fresh air. Apply resuscitation if victim is not breathing. Administer oxygen if breathing is difficult. Remove |
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| Ingestion | contaminated clothing and loosen remaining clothing. Seek medical attention. Wash out mouth with water. Do not induce vomiting. Never give anything by mouth to an unconscious person. If conscious, give 500mL of water to drink immediately. Seek immediate medical attention. |
| Skin | Remove all contaminated clothes and footwear immediately. Wash immediately with soap and water. Launder any contaminated clothing before re-use. Seek medical attention if irritation develops. |
| Eyes | Flush eyes with large amounts of water for 15 minutes. Eyelids should be held away from the eyeball to ensure thorough rinsing. Seek medical attention if irritation develops. |

5. FIRE FIGHTING MEASURES

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| Suitable Extinguishing Media | For major fires call the Fire Brigade. Ensure that an escape path is available from any fire. Use extinguishing media suitable for the surrounding fire. |
| Hazardous Combustion Products | Toxic fumes. |
| Firefighting Equipment | Wear a self contained breathing apparatus and protective clothing to prevent any contact with skin and eyes. Use water spray to cool containers. |
| Unusual Fire or Explosion Hazards | Combustible - C1 |
| Hazchem Code | Not allocated. |

6. ACCIDENTAL RELEASE MEASURES

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| Spills | Clear area of all unprotected personnel. Wear Safe Work Australia approved self contained breathing apparatus and full protective clothing. Work up wind or increase ventilation. Stop leak if safe to do so. Contain spill with sand or earth. Collect and seal in properly labelled containers or drums for disposal. Prevent material from entering waterways, drains, sewers and soil. Smaller spillage can be wiped up with paper towel using protective gloves. |
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7. HANDLING AND STORAGE

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| Handling | Exercise normal care in handling. Avoid direct contact with the substance. Do not handle in confined space. Avoid formation of mists in the air. Ensure that ventilation is adequate.. |
| Storage | Store in the original packaging, in cool, well ventilated area. Keep |



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container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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| Exposure Standards (Safe Work Australia) | No exposure standards set |
| Engineering Controls | Use local exhaust ventilation to keep the airborne concentrations of vapours below their respective threshold limit value. |
| Respiratory Protection | Respiratory protection is not normally necessary. Use an Safe Work Australia approved full face supplied air respirator if high airborne concentrations of the material are present. See Australian Standards AS/NZS 1715 and 1716 for more information. |
| Eye Protection | To prevent eye contact, wear eye protection such as safety goggles or face shield. |
| Skin Protection | To prevent skin contact wear protective clothing, such as impervious gloves, apron, work pants, long sleeve work shirt and disposable coveralls. |
| Hygienic Practices | Change contaminated clothing as soon as possible. Wash hands, face immediately after working with this product and before eating, smoking or using lavatory facilities. Eye wash stations and safety showers must be readily available within work area. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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|-------------------------|---|
| Appearance | Colourless liquid |
| Odour | Odourless |
| Solubility in water | Insoluble |
| Oxidising | Non-oxidising (by EC criteria) |
| Viscosity | Non - viscous |
| Viscosity Value | 9 |
| Viscosity Test Method | Flow time in seconds in a 3mm ISO cup (ISO 2431). |
| Boiling Point | 180-217°C |
| Melting Point | < -20°C |
| Flash Point | >61°C |
| Flammable Limit - Lower | 0.6 |
| Flammable Limit - Upper | 7 |
| Auto-flammability | >200°C |
| Vapour Pressure | 0.05kPa @ 20°C |
| Relative Density | 0.8 |
| VOC | 980g/L |



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10. STABILITY AND REACTIVITY

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| Chemical Stability | Stable under normal conditions. |
| Incompatible Materials | Strong oxidizing agents and strong acids. |
| Hazardous Decomposition Products | Toxic fumes. |
| Hazardous Polymerization Conditions to Avoid | No information available. Heat. |

11. TOXICOLOGICAL INFORMATION

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| Toxicity | Naphtha (petroleum), hydrotreated heavy: Acute oral LD ₅₀ (rat) > 2000 mg/kg |
| Routes of Exposure | Inhalation, ingestion, eye and skin |
| Acute Health Effects | Inhalation: May cause irritation of the throat with a feeling of tightness in the chest. Ingestion: May cause stomach pain, nausea and vomiting. Eye: May cause irritation and redness. The eyes may water profusely. Skin: May cause irritation and redness at the site of contact. |
| Chronic Health Effects | Repeated or prolonged exposure may cause skin dryness or cracking. |
| Existing Conditions Aggravated by Exposure | No information available. |
| Carcinogenicity | No (IARC, NTP, Safe Work Australia) |

12. ECOLOGICAL INFORMATION

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| Ecotoxicity | Negligible ecotoxicity |
| Mobility | Readily absorbed into soil. No bioaccumulation potential. Biodegradable. |

13. DISPOSAL CONSIDERATIONS

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| Disposal methods and containers | Dispose according to applicable local and state government regulations. |
| Special precautions for landfill or incineration | Please consult your state Land Waste Management Authority for more information |

14. TRANSPORT INFORMATION

Not classified as a dangerous good according to the Australian Code for the Transport of



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Dangerous goods by road or rail.

Not applicableUN Number
Not applicableProper Shipping Name
Not applicableDangerous Goods Class
Not applicableHazchem Code
Not applicablePacking Group
Not applicableSpecial Precautions

15. REGULATORY INFORMATION

Naphtha (petroleum), hydrotreated heavy is listed in the Australian Inventory of Chemical Substances (AICS).

16. OTHER INFORMATION

Last Revision of MSDS Rev 1.0 (04/11/2009)
Prepared by MSDS.COM.AU Pty Ltdwww.msds.com.au
Abbreviations Used IARC: International Agency for Research on Cancer
NTP: National Toxicology Program (U.S.)
OSHA: Occupational Safety and Health Administration (U.S.)
STEL: Short term exposure limit
TWA: Time weighted average

Emergency Contacts

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|---|--------------|
| International Trading & Consulting Pty Ltd | 02 9669 3555 |
| International Trading & Consulting Pty Ltd - Emergency Number | 02 9669 3555 |
| Police and Fire Brigade | 000 |
| Poisons Information Centre | 13 11 26 |

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Please read instructions / label before using product.