# PRODUCT SAFETY INFORMATION

ACCORDING TO THE DEFINITIONS OF WORKSAFE AUSTRALIA THIS PRODUCT IS AN ARTICLE AND NOT A SUBSTANCE AND THEREFORE DOES NOT REQUIRE A MATERIAL SAFETY DATA SHEET.

**Statement of Hazardous Nature:**
Not classified as hazardous according to the criteria of the National Occupational Health and Safety Commission.

## Kordon® TMB
## Kordon® Termite Barrier

### COMPANY DETAILS:

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|---|---|
| Company: | Bayer Environmental Science<br>A Business Group of Bayer CropScience Pty Ltd<br>A.B.N. 87 000 226 022 |
| Address: | 391 – 393 Tooronga Road, East Hawthorn, Victoria 3123 |
| Telephone / Facsimile: | (03) 9248 6888 / (03) 9248 6800 |
| Website Address: | www.bayercropscience.com.au or www.kordontmb.com.au |
| Emergency Telephone Number: | 1800 033 111 – Orica SH&E Shared Services |

## IDENTIFICATION

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|---|---|
| Other Names: | Kordon Termite Moisture Barrier, Kordon Blanket |
| Manufacturer's Product Code: | Not applicable |
| SAP Product Code: | Kordon TMB: 182656 (50 m x 1.5 m)<br>Kordon Termite Barrier: 998080 (50 m x 300 mm) |
| Dangerous Goods Class and Subsidiary Risk: | Not classified as a dangerous good. |
| Poisons Schedule Number: | Exempt from the requirements of poison scheduling |
| Use: | A temite resistant barrier for installation during construction of buildings. |

**Physical Description/Properties**

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| Appearance: | A laminated plastic blanket comprising an upper Low Density Polyethylene (LDPE) orange plastic membrane; a central poly-olefin fibrous layer impregnated with deltamethrin and a bottom sheet of black LDPE plastic. |

**Other Properties:**

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| Percent volatiles: | Negligible |

**Ingredients:**

| Chemical Name: | CAS Number: | Proportion: |
|---|---|---|
| Deltamethrin | [52918-63-5] | 1 g/ m² or approx 0.2% m/m |
| Other ingredients (non-hazardous) | | up to 100% |

## HEALTH HAZARD INFORMATION

**Health Effects:**

*Acute:*

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| Eye: | Eye contact is unlikely; however eye contact may occur if, when handling cut edges of the blanket there is any residues of chemical transferred from the hands to the eyes during handling and cutting. If this happens eye irritation may occur. |
| Skin: | May be irritating to the skin. Contact with the skin, especially the face, may result in initial stinging or burning sensations followed by numbing which may persist for a few hours. This effect is transient |
| Inhaled: | Not applicable |
| *Chronic:* | The insecticide (deltamethrin) impregnated into the inner layer is not mutagenic, carcinogenic or teratogenic. |
| **First Aid** | **If any concern of effects occurs, immediately contact a doctor or Poisons Information Centre (telephone 13 11 26), and follow the advice given. Show this information sheet to a doctor.** |
| Eye: | Rinse immediately with plenty of water for at least 15 minutes, holding eye open. Seek advice from an ophthalmologist. |
| Skin: | Remove all contaminated clothing. Wash off skin immediately with soap and plenty of water. Seek medical advice if irritation persists. Launder contaminated clothing before re-use. |
| First Aid Facilities: | Provide an eyewash station in the workplace. |
| **Advice to Doctor:** | Treat symptoms. Skin contacted by deltamethrin must be carefully cleaned with cleansing milk. Symptoms can be partially alleviated by the application of a moisturising cream or anaesthetic ointment. Irritation effects from deltamethrin are usually transient. |

## PRECAUTIONS FOR USE

**Exposure Standards:** No exposure standard has been assigned by the National Occupational Health and Safety Commission (Worksafe Australia). Bayer Cropscience recommends an Occupational Exposure Standard for deltamethrin of 0.28 mg/m³. Given that there is a minimal level of volatiles produced by the Kordon blanket this exposure level is highly unlikely to be achieved in the vicinity of the blanket.

**Personal Protection:**

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| Eyes: | Avoid touching eyes after handling product. |
| Clothing: | Wear full-length work clothes to protect skin if exposure is likely. |
| Gloves: | Avoid contact with skin – wear elbow-length PVC gloves |
| Other: | Do not eat, drink or smoke until after washing. Wash thoroughly after handling. After work wash gloves, goggles and contaminated clothing. |

**Flammability:** Not flammable.

## SAFE HANDLING INFORMATION

**Storage and Transport:**

Corrosivity Hazards: Avoid iron and alloys.

Handling & Storage Precautions: Store in a safe, cool, well-ventilated area. Do not store for prolonged periods in direct sunlight.

Transport: This product is not classified as a Dangerous Good under the Australian Code for the Transport of Dangerous Goods by Road and Rail.

**Disposal:**

Waste Disposal Methods: Bury unwanted product or off-cuts and remnants under the concrete slab of the house during construction or at a local authority landfill.

**Fire Hazard:**

Extinguishing Media: Water spray, carbon dioxide, foam, dry chemical. Do not use a water jet from a fire hose.

Special Fire Fighting Procedures: Kordon TMB will burn – heating/combustion will generate oxides of carbon and nitrogen, and other irritant and toxic fumes. Fire fighters should wear full protective clothing and self-contained breathing apparatus. Do not release contaminated water into the environment.

Reactivity Hazards: Avoid oxidising agents, strong acids and alkalis.

**OTHER INFORMATION:**

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| **Comments:** | It is important to note in the figures provided below that these refer either to the technical grade active constituent or the formulated manufacturing concentrate used in the production of the blanket. One square metre of Kordon Blanket contains a nominal level of 1 g of deltamethrin bound up within the non-woven inner matrix. Exposure to an amount of deltamethrin close to any of the figures which bear toxicological significance here would not be possible during any conceivable variation of proposed use. |
| **Toxicology (deltamethrin manufacturing concentrate)** | Oral $LD_{50}$ (mg/kg) > 10,000 Species: Rat<br>Dermal $LD_{50}$ (mg/kg) > 10,000 Species: Rat |
| **Environmental/ Ecological Effects:** (deltamethrin active constituent): | $LC_{50}$ (96-h) fish: 0.001 – 0.01 mg/L<br>$LD_{50}$ (duck): > 5,000 mg/kg<br>$LD_{50}$ (quail): > 10,000 mg/kg<br>Deltamethrin is highly toxic to fish and aquatic organisms. Deltamethrin is not persistent in the environment. It is destroyed by soil micro-organisms and does not leave residues in the environment or build up in the food chain. Do not contaminate streams, rivers or waterways with the product or used containers. |
| Special Precautions/ | None |
| Data Sources/ References: | Bayer Cropscience safety Data and published data |

**CONTACT POINT:**

Emergency Contact Number: 1800 033 111 (Orica Sh&E Shared Services)
Development Manager (Environmental Science): (03) 9248 6888

The information provided here has been summarised from health and safety hazard information on the product and relates to the safe handling and use of the product in the workplace. Users of the product should read this information and consider the information in the context of how the product will be handled and used.

If clarification or further information is needed to ensure that an appropriate risk assessment can be made, the user should contact this company.

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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