

# RIGBY TAYLOR LTD

## PRODUCT SAFETY DATA SHEET

### 1. IDENTIFICATION OF THE SUBSTANCE: PROFILE (GOLF & AMENITY)

RIGBY TAYLOR LIMITED  
RIGBY TAYLOR HOUSE  
CROWN LANE  
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### 2. COMPOSITION/INFORMATION ON INGREDIENTS:

**Product Description:** Porous ceramic granule formed from kiln firing Illite clay on an amorphous silica base

### 3. HAZARDS IDENTIFICATION:

The product contains amorphous and crystalline silica (Quartz) 3-5% CAS No: 12173-60-3

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### 4. FIRST AID MEASURES:

**Ingestion:** If large quantities are ingested seek medical advice.

**Eye Contact:** Flush thoroughly with water for 15 minutes; seek medical attention if irritation persists

**Skin Contact:** Wash with soap and water

**Inhalation:** Unlikely under normal use conditions. Remove patient from source of exposure and keep at rest. Seek medical attention

### 5. FIRE FIGHTING MEASURES:

**Hazardous combustion products:** Non Combustible, Non Flammable

**Protection of fire fighters:** NA

### 6. ACCIDENTAL RELEASE MEASURES:

**Personal Precautions:** If dust is likely to be generated, wear approved dust mask. Coveralls and protective gloves.

**Environmental Precautions:** Prevent from entering drains or watercourses

**Clean-up Method:** If uncontaminated, sweep up or collect and reuse as product. If contaminated with other materials, collect in suitable container.

### 7. HANDLING & STORAGE:

**Handling:** Avoid the generation of dust. If handling for prolonged periods wear protective gloves and barrier cream.

**Storage:** Do not store near vegetable oil or turpentine. Store in original bags, tightly closed in a dry place, away from pesticides.

### 8. EXPOSURE CONTROLS/PERSONAL PROTECTION:

#### Exposure Guidelines:

None specified for the product.

Silica, amorphous SiO<sub>2</sub> Occupational Exposure Standards (OES)

Total Inhalable dust: 6 mg m<sup>-3</sup> Long-term exposure limit (8 hour TWA reference period).

Respirable dust: 3 mg m<sup>-3</sup> Long-term exposure limit (8 hour TWA reference period).

Silica, crystalline SiO<sub>2</sub> Maximum Exposure Limit (MEL)

Respirable dust: 0.4 mg m<sup>-3</sup> Long-term exposure limit (8 hour TWA reference period).

**Inhalation:** If dust concentrations exceed recommended permissible limits, use approved dust respirator and general ventilation local exhaust equipment.

**Eye Protection:** If high dust concentrations exist, tight fitting goggles are recommended to reduce dust exposure to eyes.

**Skin:** Use protective gloves or barrier cream if handling product for prolonged periods.

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### 9. PHYSICAL AND CHEMICAL PROPERTIES:

**Form:** Granule

**Colour:** Brown to buff

**Odour:** None

**PH:** 6.0-6.5

**Flash Point:** Non flammable

**Explosive Behaviour:** NA

**Bulk Density:** 2.5g/cc

**Percent Volatile:** None

**Vapour Pressure mm Hg:** NA

**Melting Point:** NA

**Solubility in Water:** Insoluble

### 10. STABILITY AND REACTIVITY:

Profile is stable under all normal conditions.

**Hazardous polymerisation:** Will not occur, however, contact with vegetable oil or turpentine may cause evolution of heat.

**Incompatibility (Materials to avoid):** Un-reacted polymer monomers (see above)

### 11. TOXICOLOGICAL INFORMATION:

**Ingestion:** Oral LD<sub>50</sub> 3,160 mg/kg. Intravenous Rat LD<sub>50</sub> 15 mg/kg

**Inhalation:** With short-term exposure: no effect other than nuisance dust. Prolonged, continuous inhalation of free crystalline silica could lead to lung complaints such as silicosis.

**Skin Contact:** Not likely to cause a problem, may cause slight irritation with continuous handling

**Eye Contact:** Gritty nature of product may cause eye irritation.

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<b>12. ECOLOGICAL INFORMATION</b>
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Not likely to be harmful to the environment. Avoid contamination of watercourses.
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<b>13. DISPOSAL CONSIDERATIONS:</b>
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Dispose of in an approved disposal facility in accordance with local regulations The nature and extent of contamination, if any, may require use of specialised disposal contractor.
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<b>14. TRANSPORT INFORMATION:</b>
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<b>UN Number:</b> No UN number allocated
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<b>Packing Group:</b> NA
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<b>Hazard Class:</b> NA
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<b>15. REGULATORY INFORMATION:</b>
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NA
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<b>16. OTHER INFORMATION:</b>
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The data given in this sheet is based on current knowledge and experience, however no liability is accepted for any insufficiency or omission in any case whatsoever. This data sheet does not constitute an assessment of workplace control as required by current law.
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