# Firth Masonry Products

**Includes:**
- Firth Masonry Block, paving, segmental retaining wall, brick veneer, concrete dust

**Group Standard**
- HSR002545 - Construction Products (Toxic [6.7A]) Group Standard 2006

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<th>HSNO Classes</th>
<th>Effects of Exposure</th>
<th>Precautions</th>
<th>Response</th>
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<td><strong>6.3A</strong> Irritating to skin</td>
<td>In the event that this product is altered in anyway by sawing, crushing or grinding, it is expected that worker exposure to hazardous substances will be controlled to a level as far below the WES as practicable by applying the hierarchy of control required by the Health and Safety at Work Act (2015) and the Health and Safety at Work (General Risk and Workplace Management) Regulations 2016. Exposure to dusts can be mitigated through a point source, local exhaust ventilation (LEV) system fitted to machinery. Wet cutting may also be used as long as slurry is contained and is at no risk of entering a storm water drain or waterway. In addition a fine particulate half or full face respirator rated to P2 or higher shall be worn when sawing, crushing or grinding this product. The respiratory equipment should be fit tested to ensure integrity of the seal.</td>
<td>Fresh air, rest. If exposed or concerned: Get medical attention.</td>
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**TYPES OF HAZARD**

**INHALATION**
- Masonry block products contain crystalline silica. Inhalation of respirable silica appears linked to development of silicosis followed by complications and, eventually lung cancer. Inhalation of the dust may cause irritation of the upper respiratory tract.

**SKIN**
- Masonry products are not irritating to the skin; however, there is a possibility of burns if concrete dust is wetted and is in contact with the skin for a prolonged time.

**EYES**
- Contact of dry concrete dust may cause effects ranging from irritation to serious eye damage/burns and blindness.

**INGESTION**
- Concrete dust may cause irritation of the digestive tract.

**POISONS CENTRE: 0800 POISON (0800 764 766)**

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<th>SPILLAGE DISPOSAL</th>
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<td>Wear protective equipment to prevent skin and eye contamination and the inhalation of dust. Stop spill if safe to do so. Contain spill and prevent from entering drains, sewers and water ways. Collect product avoiding any dust formation, and seal in properly labelled containers or drums for disposal. Collect recoverable material into labelled containers for recycling or salvage. Recycle containers wherever possible. Contaminated water will be strongly alkaline. Do not allow contaminated water to enter the environment. If contamination of sewers or waterways has occurred advise local emergency services.</td>
<td>Containers should be kept closed in order to avoid contamination. Incompatible materials: Strong acids, ammonium salts, and aluminum metal. Avoid the creation of respirable dust particles.</td>
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</tbody>
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