

## Material Safety Data Sheet

**1. Identification of the substance/ preparation and company/ undertaking**

Products	Medium and high density aggregate concrete building blocks for use in walls, foundations and flooring applications manufactured in various grades of strength and density and with a range of sizes and weights for use in the construction industry
Grades	Medium Density: 1400-1600kg/m <sup>3</sup> High Density: 1900-2100kg/m <sup>3</sup> WI Special Blocks: Not applicable
Company	Haughley Block Plant Ltd Head Quarters: 38A Fourth Way, Wembley, Middlesex, HA9 0LH Haughley Block Plant Ltd Factory Address: Station Road, Haughley, IP14 3QP 0203 150 0613 0208 795 3371 <a href="http://www.haughleyblockplant.co.uk">www.haughleyblockplant.co.uk</a>

**2. Hazards Identification**

The products supplied are non-hazardous within the meaning of the Control of Substances Hazardous to Health (COSHH) 2012 Regulations. Cutting and drilling and using power tools can create dust which contain free crystalline silica. Prolonged exposure to silica dust can result in lung disease

**3. Composition/ Information of Ingredients**

Medium Density	Cement, sand, gritstone, lightweight aggregate
High Density	Cement, sand, gritstone
Wi Specials	Cement, sand, gritstone

**4. First Aid Measures**

Inhalation	Remove from exposure to fresh air. If irritation of respiratory tract persists, seek medical advice
Ingestion	Do not induce vomiting. Drink plenty of water and seek medical attention
Skin Contact	Wash with soap and water
Eye Contact	Irrigate thoroughly with copious amounts of eyewash or clean water. If irritation persists, seek medical attention

**5. Fire Fighting Measures**

Products are non-combustible and inhibit the spread of flame. No special fire fighting procedure, extinguishing media or explosion hazard identified

#### 6. Accidental Release Measures

In event of dust being released whilst cutting, wear suitable respiratory protection and eye protection (see section 8). Local exhaust or dampening techniques should be considered before carrying out work which may give rise to dust. Dust should be either vacuum collected or dampened before physical recovery to reduce the level of dust in the air. Avoid sweeping as this creates dust. Keep the area as well ventilated as far as reasonably practicable.

#### 7. Handling and Storage

Concrete blocks are heavy and good manual handling technique should be adopted at all times. Handling of blocks should be undertaken in accordance with HSE Construction Sheet 37 "Handling Blocks" (Construction Industry Advisory Committee) and in accordance with the Manual Handling Regulations 1992 (as amended). Repetitive handling of blocks should be avoided, and lighter blocks specified otherwise mechanical handling equipment should be employed to reduce the risk of injury.

Due to the abrasive nature of the products, suitable gloves, safety footwear and protective clothing should be worn when handling. Avoid over-reaching and twisting and ensure good grip and secure foot placement whilst handling.

Supplied banded, with or without wooden pallets and should be stored/ stacked a maximum of 2 packs high on firm, level ground. On soft, loose, or uneven ground, do not stack more than one pack high. Exercise care when removing dry bands as individual blocks may fall from the pack. Stored product should be protected from the weather and kept as dry as possible particularly in the winter months.

#### 8. Exposure Control/ Personal Protection

Workplace Exposure Limit (WEL):

Total inhalable dust:	10mg/m <sup>3</sup>	8hrs TWA
Respirable dust:	4mg/ m <sup>3</sup>	8hrs TWA
Respirable Silica:	0.1mg/m <sup>3</sup>	8hrs TWA

Source: HSE Publication EH40/2005, as amended October 2007

Personal Protective Equipment (PPE):

Where the above limits will be exceeded, E.g. when cutting or drilling using power tools, personal protective equipment should be worn:

- Respiratory protection to EN149 (filtering face piece protectors) or EN140/ EN143 (half-mask respirators and filters)
- Gloves to BS EN 388 mechanical hazard protection and safety footwear with steel toecaps to BS EN 345 should be worn when handling products

When cutting products using power tools the following items should be worn:

- Eye protection to BS EN 166 Grade 1
- Hearing protection with a recommended noise rating of 95dB-105dB. Note: engineering measures as detailed in section 6 should be used

where practicable to minimise dust levels

### 9. Physical and Chemical Properties

Odourless, grey coloured, rectangular section blocks with a dry density in the range of 800-2100kg/m<sup>3</sup>

Products are non-soluble

### 10. Stability and Reactivity

Products are chemically stable, and no hazardous substances are known to be formed during the use of this product. Conditions to avoid: none, this is a stable product under recommended storage and handling conditions.

### 11. Toxicological Information

Eyes	Abrasive- may cause irritation and discomfort
Skin:	Abrasive- brief or occasional contact is unlikely to be harmful
Inhalation:	Repeated inhalation of silica dust above WEL can lead to the development of silicosis (section 8)
Ingestion:	Unlikely to be harmful

### 12. Ecological Information

Overall environmental impact is regarded as insignificant. When handled, used or disposed of correctly, no adverse ecological effects are likely.

### 13. Disposal Considerations

Dispose of surplus material and packaging materials via an authorised waste contractor in accordance with the local regulations. Product is not classified as hazardous and can be disposed of as inert waste. EWC 17.01.01 Non-Hazardous Building Waste

### 14. Transport Information

Products are not classified as dangerous goods under any transport legislation

### 15. Regulatory Information

Products are not classified as dangerous for supply in the UK

Hazard Statement:	None
Risk and Safety Phrases:	None
Guidance Notes:	Construction Information Sheet (CIS) 37- Handling Heavy Building Blocks Workplace Exposure Limits EH40/2005, as amended October 2007 Local Exhaust Ventillation HS(G) 37 Respirable Crystalline Silica EH59 Dust- General Principals of Protection EH44 Waste Management- the Duty of Care

### 16. Other Information

- The information on this data sheet covers the use of the product as per their intended application
- If the products have been purchased to supply third parties, a copy of this data sheet should be provided to the third parties
- It is the user's responsibility to ensure that the information given in this data sheet is brought to the attention of anybody in their employ who are to handle or use this product

- Please note that this data sheet does not constitute a risk assessment as required under the Control of Substances Hazardous to Health (COSHH) Regulations
- This data sheet does not constitute or serve as a substitute for the user's own assessment of the risk of using this product in the workplace

**Disclaimer:**

*Every effort has been made to ensure the correctness of the information provided in this datasheet which relates to the product described only and which is supplied to purchasers on the basis that we cannot guarantee its accurateness or completeness. Health and Safety information provided in this datasheet is intended for general guidance only and it is the responsibility to the user to ensure that suitable and sufficient assessment of hazards and risks posed in the employment of any product are undertaken and to comply with any duties imposed by Statutory or Regulatory requirements. This data sheet generally follows REACH Regulation (EC1907/2006: article 31 and Annex 2), as amended by Regulation 453/2010. No statement made in this data sheet shall be construed as permission or recommendation for the use of any product in the manner that infringe any existing patents, or any warranty made, either expressed or implied.*

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