



CCP BUILDING PRODUCTS



Material Safety Data Sheet

IDENTIFICATION

Products Low, medium and high density aggregate concrete building blocks and bricks for use in walls, foundations, and flooring applications. Manufactured in various sizes, strengths and densities for use in the construction industry.

Product Groups	Consolite Solid Dense	1900 – 2100 kg/m ³ density
	Modulite Medium Dense	1900 – 2100 kg/m ³ density
	Modulite Plus	1020 – 1180 kg/m ³ density
	Dense Coursing Brick	1350 – 1450 kg/m ³ density
	Lightweight Coursing Brick	1650 – 1750 kg/m ³ density
	Engineering Brick	2100 – 2200 kg/m ³ density

Manufacturer CCP Building Products Ltd.,
CCP House,
Llay Road
Llay
Wrexham
LL12 0TL

Tel: 01978 799070
Fax: 01978 449314
Email: info@cheshireconcrete.co.uk
Website: www.cheshireconcrete.co.uk

HAZARDS IDENTIFICATION

The products are supplied are non-hazardous within the meaning of the Control of Substances Hazardous to Health) COSHH Regulations. Cutting and drilling can create dust which could contain free Crystalline Silica. Prolonged exposure to this can cause respiratory issues and ultimately lung disease.

COMPOSITION / INGREDIENTS

These products contain a combination of natural aggregates, including limestone, gravel and sand, Argex, recycled process aggregates, cement and water.

5. FIRE INSTRUCTION AND COMBUSTABLE INFORMATION

These products are non-combustible and inhibit the spread of flame. No special firefighting procedures, extinguisher media or combustible hazard has been identified.

6. ACCIDENTAL / CONSEQUENTIAL RELEASE

Due to dust being created / released during cutting operations suitable RPE (Respiratory Protective Equipment) and PPE (Personal Protective Equipment) must be worn (see section 8). The location of such processes should be considered prior to implementation as should local exhaust and dampening techniques and persons in the vicinity should be subject to the same RPE requirements.



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7. HANDLING AND STORAGE

Concrete blocks are heavy and good manual handling techniques should be employed at all times. Reference should be made prior to use of HSE Construction Sheet No 37, 'Handling Building Blocks' and the Manual Handling Regulations 1992(amended). Repetitive handling of blocks over 20kg should be avoided, where this is not possible mechanical aids should be employed or a planned reduction in the number of units handled to reduce the risk of injury.

Due to the abrasive nature of the products, suitable gloves, safety foot wear and protective clothing should be worn when handling. Over reaching and twisting should be avoided whilst handling with a constant awareness of secure foot placement and firm grip being employed by the operatives.

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

8. EXPOSURE CONTROL / PERSONAL PROTECTION

Workplace	Total Inhalable Dust Permitted:	10 mg/g ³	8hrs TWA
Exposure	Respirable Dust Permitted:	4 mg/g ³	8hrs TWA
Limit (WEL)	Respirable Silica:	0.1mg/m ³	8hrs TWA

Personal Protective Equipment Where the potential for the above limits to be exceeded exists (when cutting drilling or grinding) the PPE & RPE should be worn.
 (a) Respiratory protection to EN149 (Face Filtering Protectors) or EN 140/EN 143 (Half Mask Respirators and Filters)
 (b) Gloves to BS EN 388 (Mechanical Hazard Protection) and Safety Footwear to BS EN 345 should be worn when handling these products.

When processing products by means of cutting drilling or grinding these items should also be worn.

- (a) Eye protection to BS EN 166 Grade
- (b) Hearing protection with a recommended noise rating of 95dB-105dB

Engineering considerations as previously mention in (6) above should also be employed in consideration of free dust and crystalline silicates. Personal in the area should either be removed or suitably provided for in terms of PPE & RPE during any such processes.

9. PHYSICAL & CHEMICAL PROPERTIES

Odourless, generally grey coloured, rectangular section blocks and bricks with a dry density in the range of 1150 – 2200 kg/m³. These products are non-soluble but may be adversely affected by frost in extreme conditions.



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10. STABILITY & REACTIVITY

Products are chemically stable and no hazardous substances are known to be formed during the use of this product. Under recommended storage conditions (see section 7) there are no known complications.

11. TOXICOLOGICAL INFORMATION

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

12. ECOLOGICAL INFORMATION

Overall environmental impact is regarded as insignificant. When handled, used and disposed of correctly with waste product being ideal for recycling adverse ecological effects are considered to be most unlikely.

13. DISPOSAL CONDITIONS

Disposal of surplus material and packaging materials should be made via an authorised waste contractor and in accordance with prevailing local regulations. The 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 Statements None

Risk & Safety Phrases None

Guidance Notes Construction Information Sheet (CIS) No 37 – Handling Heavy Blocks
 WORKPLACE Exposure limits EH40 / 2005, as amended October 2007
 Local Exhaust Ventilation HS (G) 37
 Respirable Crystalline Silica EH59
 Dust – General principles of Protection EH44
 Waste Management – The duty of care



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16. OTHER INFORMATION

- This information data Sheet covers the use of the products as per the intended application
- If products have been purchased to supply third parties, a copy of this data sheet should be provided to the third party.
- 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 may 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 Datasheet does not constitute or serve as a substitute for the users own assessment of the risks of using these products in their workplace /environment