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Safety Data Sheet Red Bank Clayware Products

1 - Identification of the substance / mixture and of the company / undertaking

1.1 Product identifier

Product Name: **RED BANK CLAYWARE**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Functional and/or decorative chimney pots, ridge tiles, air bricks, cavity wall bridging ducts and firebricks.

1.3 Details of the supplier of the safety data sheet

Forterra Building Products Limited,
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1.4 Emergency telephone number

2- Hazards Identification.

2.1 Classification of the substance or mixture

Classification

Physical hazards

Non-hazardous when whole.

Health hazards

Contains crystalline Silica, which may be released as respirable dust when the products are cut.



May have sharp edges, especially if broken. Some individual products weigh more than 25 kg. Packs are heavy and wrapped with tensioned straps.

Environmental hazards

Not classified

2.2 Label elements

This product does not need to be labelled in accordance with EC directives.

2.3 Other hazards

None

3 - Composition / Information on Ingredients.

The products are a range of chimney pots, ridge tiles, flue liners, architectural terracotta, firebricks, etc, all made from vitrified clays (fired at temperatures in excess of 1000°C).

4 - First Aid Measures.

4.1 Description of first aid measures

<u>Inhalation</u>	In contact with dust: Remove to fresh air.
<u>Ingestion</u>	Not toxic. Wash out mouth with clean water.
<u>Skin contact</u>	In contact with dust: Wash with soap and water.
<u>Eye Contact</u>	In contact with dust: Flush with clean water.

5 - Fire Fighting Measures.

Non-combustible and non-flammable.

6 - Accidental Release Measures.

Avoid creating airborne dust.

Collect in suitable containers for disposal.

7- Handling and Storage.

Some individual products weigh more than 25 kg and are a manual handling hazard for a single person. Lifting should be assisted by mechanical aid or by a second person.

Packs are heavy and care should be used in their handling. Equipment used for handling pallets must be adequate for the weights involved. The weights of packs vary according to contents, but the maximum pack weight is 1.5 tonnes. Straps should be cut by metal snips and not by lever pressure. Personnel should be aware that straps under tension can spring away from the pack and that care is required. Eye protection is recommended.

Packs lifted above storey height should be contained by a safety cage and personnel should stand well clear of movements. Personnel should be aware that, in certain circumstances, straps could snap allowing individual items to fall.

Packs should be placed on dry level ground and stacked to a maximum of two high only if the pack is flat topped and symmetrical. Irregular packs of mixed ware should only be stacked one high.

8 - Exposure Controls/Personal Protection.

8.1 Control parameters

Occupational exposure limits

Respirable Silica

Long term exposure limit (8 hour TWA): Workplace Exposure Limit 0.1 mg/m³

8.2 Exposure controls

Protective equipment

Eye Protection:

Dust proof and impact resistant goggles should be worn when cutting the products.

Eye protection should be worn when opening straps on packs of product.

Skin Protection:

Protective clothing and gloves may be worn to avoid abrasion of the skin.

Respiratory Protection:

When cutting the products:

Do not breathe dust

In case of insufficient ventilation wear suitable respiratory equipment.

Use water spray on cutting disk to damp down dust.

Use of mechanical local exhaust ventilation should be considered where dust might be produced in a confined space and the WEL may be exceeded.

Ingestion:

Avoid ingestion by taking normal hygienic precautions.

9 - Physical and Chemical Properties.

Material is solid, strong but brittle. Colour red, buff, black or other colours by addition or surface coating of mineral stains, paint or sands.

Physical form:	Solid fired clay of various shapes and sizes.
Colour:	Red, black, buff or other colours by addition or surface coating of mineral stains, paint or sands.
Odour:	None
pH of aqueous suspension:	Not soluble
Boiling point:	Not applicable
Melting point:	Not applicable
Viscosity:	Not applicable
Flash point:	Not applicable
Flammability:	Not flammable
Autoflammability:	Not applicable
Explosive properties:	None
Oxidising properties:	None
Vapour pressure:	Not applicable
Density:	Not determined
Water solubility:	Insoluble
Other solubility:	Insoluble
Bulk density:	1590 kg/m ³

10 - Stability and Reactivity.

Stable.

11 - Toxicological Information.**11.1 Information on toxicological effects****Inhalation**

When cutting: Chronic exposure to crystalline silica can result in severe lung disease due to partial retention of the dust in airways and alveoli.

12 - Ecological Information.**12.1 Toxicity**

Not known to be toxic to fish.

12.2 Persistence and degradability

These are ceramic products and subject to conditions should maintain their integrity during their working life.

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

Non-volatile

12.5 Results of PBT and vPvB assessment

These products do not contain any substances classified as Persistent Bioaccumulative Toxic or (very) Persistent (very) Bioaccumulative

12.6 Other adverse effects

None known

13 - **Disposal Considerations.**

13.1 *Waste treatment methods*

Inert waste. Can be disposed of at a site authorised to accept builders' waste. Reference should be made to applicable local and national regulations.

14 - **Transport Information.**

Not classified as hazardous for transport purposes.

15 - **Regulatory Information.**

15.1 *Safety, health and environmental regulations / legislation specific for the substance or mixture*
Regulation (EC) No 1272/2008 Classification, Labelling and Packaging of substances and mixture

Hazard Phrases:

When cutting the product:

H373 – May cause damage to organs through prolonged or repeated exposure

16 - **Other Information.**

Health & Safety At Work Etc act 1974.

Control of Substances Hazardous to Health regulations 1999.

HSE Occupational Exposure Limits EH40/99.

HSE Silica Dust and You ISBN 0717614484.

The information is provided for making safety assessments and is not a sales specification or indication of suitability for a particular use.