

Redland

Redland Head Office,
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West Sussex
RH10 9NZ

IMPORTANT

FORMAL NOTIFICATION IN ACCORDANCE WITH THE CONSUMER PROTECTION ACT 1987 AND SECTION 6 OF THE HEALTH AND SAFETY AT WORK ACT 1974

For the attention of the Executive responsible for Health and Safety

Dear Sir/Madam

The above legislation required that we provide our customers with details of the properties, storage and safe use of our products. We, therefore, enclose a Material Safety Data Sheet covering the Redland product range.

The number of individual transactions involved in carrying out our business renders it impractical to attempt to include this information with every delivery. This letter and data sheet is, therefore, our formal notification required by current legislation, and we would impress upon you the need to ensure that all direct and sub-contract employees are aware of the contents.

We will be pleased to provide further copies of the data sheet on request through our Safety Department at Crawley.

Yours faithfully
for **Monier Limited**

Mark Piper
Health and Safety Manager

encs COSHH Data Sheets



**MATERIAL SAFETY DATA SHEET
FOR
REDLAND CONCRETE, SLATE AND CLAY PRODUCTS**

Products

Redland concrete profiled, slates and plain tiles and fittings
Rosemary clay plain tiles and fittings
Redland Cambrian slates
Dry roofing and ventilation systems and underlays

Composition and Manufacture

Redland concrete tiles are produced by a high pressure extrusion and compaction process using a blend of sand, cement, pigment and water. Workability additives may be used in some cases. The Rustic product and Landmark have a plastic coating sprayed onto it during the manufacturing process.

Rosemary clay plain tiles are extruded; Old Hollow and Cathedral clay pantiles are pressed. All are produced using the finest clays.

Redland Cambrian slates are manufactured from crushed natural slate, resin and glass fibre reinforcement.

Dry roofing and ventilation accessories comprise of :-

- i Unplasticised PVC
- ii Acetyl co-polymer
- iii Glass reinforced plastic (GRP)
- iv Polypropylene
- v Polyisobutylene (PIB)
- vi High density polyethylene
- vii Metal components in aluminium and stainless steel
- viii Bitumen fibre
- ix Bitumen/hessian roofing felt

Precaution

It is always wise to wash hands prior to eating food after handling any building materials. Although no direct hazard exists from our products, we do feel such precautions are advisable.

Protective Clothing

Handling

Roof tiles have, by their nature, sharp and uneven edges. Additionally, the Rustic product and Landmark have a plastic coating which presents no danger to those handling the product. In order to avoid cuts it is advisable that protective gloves should be worn.

Lifting

Roof tiles, as with other building materials, are heavy and, therefore, consideration to correct lifting procedures must be adopted on site to avoid injury. Being heavy objects, suitable footwear should be worn to avoid injury to feet if the product is dropped. We advise training for your staff in manual handling techniques.

Cutting

Roof tiles are often cut using power tools. Correct procedures must be adopted when such tools are used. In addition, the use of these tools will create a considerable amount of dust. This dust can be hazardous, if inhaled, mainly due to the silica content from sand and its abrasive nature. A suitable well fitted face mask should be worn to protect the operatives lungs. It is also wise, when using such tools to wear eye protection.

The plastic coating on the Rustic and Landmark may depolymerise during tile cutting, generating a vapour. Inhalation of this vapour should be avoided. If, as in normally the case, the tiles are being cut in the open air, exposure will be minimal. Tiles should not be cut with a high speed cutter in a confined space with lack of ventilation.

Transportation and Storage

Products are delivered with or without pallets, in combinations comprising shrink wrapped, spin wrapped or banded products.

The recommended method of off-loading from vehicles is by mechanical means.

When using hand off-loading methods, follow safe lifting methods and procedures to avoid personal injury.

All products must be stored on a level, hard surface and not on slopes or soft ground.

When stacking products on top of each other, care must be taken to use safe lifting procedures and to ensure the stability of the stack. We recommend that you do not stack higher than 2m.

Waste Disposal

Packing materials, when burnt, can give off toxic fumes. We recommend, therefore, that you dispose of such waste via specialist contractors. It is your responsibility to ensure that it is disposed of correctly.

Clay and concrete waste may be used as infill. You should ensure that other wastes are separated from it before using it for such purposes. For further guidance, please contact Redland Technical Solutions at South Cerney (0870 870 2595).