



HEALTH AND SAFETY PRODUCT DATA SHEET CLAY ROOF TILES AND FITTINGS

Reviewed 14.07.2011

The Control of Substances Hazardous to Health Regulations (COSHH), requirements of The Health and Safety at Work Act, The Consumer Protection Act and The Chemicals (Hazard Information and Packaging for Supply) Regulations, requires us to provide relevant information regarding our products in respect of its properties, correct use, storage/handling and disposal without risk to health.

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

Product details

Clay Roof Tiles and Fittings

Application of the Product Roofing/Cladding

Manufacturer/Supplier:

Marley Eternit Limited
Lichfield Road
Branston
Burton on Trent
Staffordshire
DE14 3HD

Further information obtainable from our Marketing Department:

Tel: (01283) 722222

Fax: (01283) 722242

Email: roofingsales@marleyeternit.co.uk

www.marleyeternit.co.uk

2 Composition/information on ingredients

Description: Manufactured from Etruria Marl (Clay) containing a proportion of quartz (crystalline silica) and water. Sand granules and pigmented stains may be applied to provide a decorative coating.

3 Hazards identification

Hazard description: All clay products, when machined mechanically will release dust, which may contain quartz (crystalline silica) particles.

Inhalation of high concentrations of dust may irritate the airways. Dust may also cause irritation of the eyes and/or skin.

Inhalation of dust containing quartz (crystalline silica), in particular the fine (respirable size) dust fraction, in high concentrations or over prolonged periods of time can lead to lung disease (silicosis) and an increased risk of lung cancer.

4 First-aid measures

General information: There are no specific requirements when using clay roofing products other than the appropriate treatment of minor injuries.

Damage to skin - Wash with water and apply sterile dressing.

Dust in mouth or eyes - Irrigate liberally with water.

Accidents - Where products strike or crush parts of the body should be referred to a suitably qualified medical practitioner. In all cases of doubt or where symptoms persist, medical advice should be obtained.

5 Fire-fighting measures

Suitable extinguishing agents:

Clay roofing products will not support combustion.

6 Accidental release measures

Not applicable

7 Handling and storage

Information for safe handling: Where plastic banding is used to contain tiles, the bands are under tension and may fly when cut. Caution should be taken when cutting these straps to prevent personal injury. To prevent injury from falling tiles, each end of the pack should be supported prior to the cutting of the plastic banding. Packs should not be lifted by polythene or plastic banding alone, but by a suitable clamp capable of carrying the weight of the pack, or by correctly positioned handling forks. Tile packs should be stored on dry level ground no more than 3 packs high whilst pallets containing fittings should not be stacked. Attention should be given to the weight of some of the tiles or packs of tiles when being handled. Personal injury due to strains and ruptures should be avoided if the requirements of The Manual Handling Operations Regulations are implemented.

Storage: N/A

8 Exposure controls/personal protection

Clay roof tiles have edges and granular coatings that may be sharp or abrasive, therefore suitable gloves should be worn when handling.

As a general rule try to eliminate the exposure to dust containing quartz (crystalline silica) Work in a well-ventilated area. Use dust suppression techniques where practicable. Use hand tools or slow running mechanical tools by preference. Collect dust with a vacuum cleaner, hose down or wet sweep work areas.

An approved P3 respirator must be worn to prevent the inhalation of dust when other measures fail to adequately control the dust produced during the mechanical machining of the products.

Occupational exposure standard (OES)

Dust – 8 hr T.W.A.

10 mg/m³ (total inhalable dust)

4 mg/m³ (total respirable dust)

Workplace Exposure Limit (WEL)

Respirable Crystalline Silica – 8hr T.W.A. - 0.1 mg/m³ respirable silica

9 Physical and chemical properties

General Information:

Clay roof tiles are inert and solid when supplied. The clay used in production is obtained from naturally occurring deposits consisting of various minerals including quartz (crystalline silica). The pigments used in the surface stain are mainly iron oxide, although other oxides may be present in varying quantities. Pigmented sand may be used as a decorative coating which on firing fuse to the tile surface.

10 Stability and reactivity

Not applicable.

11 Toxicological information

Acute toxicity: Not applicable.

Additional toxicological information: *The product is not subject to classification according to the calculation method of the General EU Classification Guidelines*

12 Ecological information

General notes: *Not Applicable*

13 Disposal considerations

General notes: *Redundant product and packaging should be recycled where this facility exists, or disposed of by a registered carrier to an approved landfill site. Waste polythene can be incinerated under approved conditions in compliance with the Environmental Protection Act. Advice on the preferred method should be obtained from the local authority waste disposal officer*

14 Transport information

General notes: No special precautions required.

15 Regulatory information

General notes: Classified as non-hazardous for conveyance and supply.

16 Other information

General notes: In accordance with the Management of Health & Safety at Work Regulations, employers must carry out a risk assessment to ensure the health and safety of their employees and non-employees who may be affected by their undertaking when using these products

National Legislation: Health and Safety at Work etc Act 1974, Control of Substances Hazardous to Health Regulations, Construction (Health, Safety and Welfare) Regulations, Manual Handling Operations Regulations, HSE Guidance Note EH40 (Occupational Exposure Limits), HSE Guidance Note EH44 (Dust – General Principles of Protection), HSE Guidance Note EH59/2 (Respiratory Crystalline Silica).
HSE - Chemical Hazard Alert Notice (CHAN) 35 Respirable Crystalline Silica

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