

# Material Safety Data Sheet

## Plasterboard Ceiling Tiles

### 1. Identification

Plasterboard Ceiling Tiles. For use internally as suspended ceilings and acoustic backing.

### 2. Composition

Aerated calcium sulphate di-hydrate with liners made from re-cycled waste paper, backed with a metallised polyester film. The core is high density gypsum re-enforced with chopped strands of glass fibre and includes vermiculite.

### 3. Hazard Identification

The product is non-hazardous during normal handling procedures. Sawing and sanding of plasterboard will generate gypsum dust, which may irritate skin, eyes and the respiratory system.

### 4. First Aid Measures

**General:** In all cases of doubt or when symptoms persist seek medical attention.

**Eyes:** Irrigate immediately with flowing water for at least 10 minutes. If irritation persists, seek medical attention.

**Skin:** Wash affected area with plenty of soap and water. If irritation persists seek medical attention.

**Ingestion:** Not normally a hazard.

**Inhalation:** Not normally a hazard but if inhalation occurs due to dust, remove the person to an uncontaminated area.

### 5. Fire Fighting Measures

This product does not constitute a fire hazard, however some facings may burn and present a risk in the event of a fire.

**Suitable Extinguishing Media:** Water, foam, carbon dioxide, dry powder.

### 6. Accidental Release Measures

Prevent these products from contaminating drains, watercourses, ground or soil.

### 7. Handling and Storage

Store flat, under ambient, dry conditions. When sawing or sanding tiles, care should be taken to minimise gypsum dust in confined spaces. When manually handling tiles or packs consider risks as required by Manual Handling Operations Regulations 1992.

### 8. Exposure Controls - Personal Protection

#### Occupational Exposure Standard (OES):

Substance	Total Inhalable	Total Respirable
Gypsum	10mg/m <sup>3</sup> (8hour TWA)	4mg/m <sup>3</sup> (8hour TWA)
Limestone	10mg/m <sup>3</sup> (8hour TWA)	4mg/m <sup>3</sup> (8hour TWA)

#### Maximum Exposure Limit (MEL):

Substance	MEL
Quartz	0.3mg/mm <sup>3</sup> (8hour TWA)
Man Made Mineral Fibre	5mg/m <sup>3</sup> (8hour TWA, gravimetric method)

Personal Protection Equipment: Gloves should be worn for prolonged/repeated contact with individual panels. Barrier creams may also provide some protection against skin irritation.

Gloves, goggles and suitable respiratory protection should be worn when cutting panels. If power tools are used the area should have adequate ventilation and dust extraction, if not a half face mask to BSEN149 Class FFP1S should be used. Safety goggles to BSEN166 2B5 are also recommended when dust is likely to occur.

Also use hard hats and goggles when fixing from below.

## 9. Physical & Chemical Properties

**Appearance:** Solid Gypsum based Plasterboard tiles, colour White (some products available with a decorative colour finish). Some products backed with a metallised polyester film.

**Moisture Resistance:** This product has no significant moisture resistance until painted or surfaced.

**Mass:** 7.6kg/m<sup>2</sup>.

## 10. Stability and Reactivity

Stable and non-reactive with other building materials.

## 11. Toxicological Information

No known toxicological effects.

## 12. Ecological Information

Stable product with no known adverse environmental effects.

## 13. Disposal Considerations

Authorised landfill site in accordance with current Waste Management Licensing Regulations..

## 14. Transport Information

No special precautions.

## 15. Regulatory Information

**Labelling:** No special labelling required. Products are articles not substances and, as such, not subject to the CLP Regulations (EC) no. 1272/2008 - Classification, Labelling and Packaging of substances and mixtures.

Products are not classified as hazardous under:

Occupational Exposure Limits EH40.

Control of Substances Hazardous to Health (COSHH) Regulations 2002.

## 16. Other Information

Health & Safety at Work Act Control Of Substances Hazardous to Health Regulations 2002 COSHH.

The Manual Handling Operations Regulations 1992 (MHOR).

Gypsum Wastes - Environment Agency Information Sheet.

HSE Guidance Note EH46: Man-made mineral fibres.

HSE Guidance Note EH40: Occupational Exposure Limits.

European Chemical Agency (EHCA) Guidance and information on the CLP Regulation.