

Material Safety Data Sheet

Mineral Fibre Ceiling Tiles

1. Identification

Mineral Fibre Ceiling Tiles.

2. Composition

Combination of mineral (manmade) and cellulose fibres, clay and other inorganic fillers bound with starch binders. Factory finished with water thinnable coatings whose composition is akin to decorative emulsion paints.

NB The product does not contain any form of asbestos fibre or powder.

3. Hazard Identification

The product is intrinsically non-hazardous during normal handling procedures. However, some skin irritation may be observed after prolonged contact with the panels, especially by persons with sensitive skin. Dusting may occur if panels are cut or broken which may cause irritation of the respiratory tract and may cause mechanical damage to eyes.

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 cold water. If irritation persists seek medical attention.

Ingestion: Not normally a hazard.

Inhalation: Not normally a hazard but if inhalation occurs, 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

Not applicable.

7. Handling and Storage

Store under ambient, dry conditions. Prolonged contact of skin with individual tiles should be avoided. If tiles are to be cut, use local exhaust ventilation or suitable respiratory protection and eye protection.

8. Exposure Controls - Personal Protection

Industrial Hygiene: Normal standards of industrial hygiene and housekeeping should be observed, i.e. in particular hand washing before eating, drinking or smoking.

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. Also use hard hats when fixing from below.

9. Physical & Chemical Properties

Appearance: Solid Mineral Fibre tiles, colour White (some products available with a decorative colour finish).

Solubility: Insoluble in water and generally chemically inert.

10. Stability and Reactivity

Thermal Decomposition: Not under normal conditions of use.

Hazardous Decomposition Products: Combustion can produce oxides of carbon.

Hazardous Reactions: Avoid contact with mineral acids, as this may liberate hydrogen sulphide, ('rotten egg gas').

11. Toxicological Information

Non-toxic under normal conditions of use.

12. Ecological Information

Stable product with no known adverse environmental effects and considered to be inherently biodegradable.

13. Disposal Considerations

Waste product would be considered to be inert waste and should be disposed of by landfill. All national and local regulations concerning the disposal of such waste must be complied with.

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.

Personal Exposure Limits: There are no prescribed exposure limits by any regulatory authority.

However, if dusting occurs, personal exposure should be kept below:-

10 mgm⁻³ (8 hour TWA) - Total inhalable dust.

5 mgm⁻³(8 hour TWA) - Total respirable dust.

16. Other Information

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

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.