

# COSHH REGULATIONS 1999 & EH 40/97

## MATERIAL SAFETY DATA SHEET

**PRODUCT:** Hard Mineral Ceiling Tiles

**SUPPLIER:** Armstrong World Industries Ltd  
Building Products Division  
Armstrong House  
38 Market Square  
Uxbridge  
Middlesex UB8 1NG  
Telephone: 01895 251122

### COMPOSITION:

Perlite, Starch, Clay, Mineral Wool, Paper Pulp, Binders, Stabilisers and with thin decorative coverings

### HAZARDS IDENTIFICATION:

None if used in accordance with the supplier's instructions. If creating excessive dust, which is in an occupational exposure level exceeding 5mg/m<sup>3</sup> (or 2 fibres/ml) of inhalable dust when averaged over an 8-hour time period, respiratory protection should be worn.

All Armstrong hard fibre ceiling products containing mineral wool comply with the exemption from labelling provisions of EU Directive EN.97/69 for Man Made Mineral Fibres (MMMMF).

If excessive dust occurs:

**Oral:** May cause irritation and discomfort  
**Skin:** Prolonged and repeated contact may cause irritation  
**Eyes:** May cause transient irritation  
**Inhalation:** Dust may cause irritation in the respiratory tract

No hazard is known of the long-term effects of over-exposure under conditions of good industrial hygiene.

### FIRST AID MEASURES:

**Ingestion:** Give plenty of liquids to drink - if symptoms develop, seek medical attention  
**Skin Contact:** Rinse for at least 1 minute before washing thoroughly. If allergic reaction develops seek medical attention  
**Eye Contact:** Irrigate for at least 15 minutes – seek medical attention if symptoms persist  
**Inhalation:** Remove to fresh air.

## **FIRE FIGHTING MEASURES:**

No known fire hazards. Meets or exceeds the requirements for wall and ceiling linings in critical areas, such as escape routes and circulation spaces of buildings, as required by Building Regulations and determined by appropriate tests against BS 476.

## **ACCIDENTAL RELEASE MEASURES:**

No specific requirement.

If creating excessive dust, respiratory protection, such as a disposable mask, should be worn.

## **HANDLING AND STORAGE:**

Store in dry conditions and do not expose to environments with a relative humidity greater than those recommended for particular products as stated in the product literature.

## **EXPOSURE CONTROLS/ PERSONAL PROTECTION:**

No specific requirement.

If creating excessive dust, respiratory protection, such as a disposable mask, should be worn. Dune products sometimes shed small surface particles during installation and where the ceiling grid is subject to impact. Respiratory and eye protection is recommended in these circumstances.

After prolonged contact wash hands thoroughly.

## **PHYSICAL AND CHEMICAL PROPERTIES:**

<b>Appearance:</b>	Solid
<b>Colour:</b>	White (some products are available with a decorative colour finish)
<b>Odour:</b>	None usually
<b>pH:</b>	Not applicable
<b>Boiling Point:</b>	>1000° C
<b>Melting Point:</b>	Not applicable
<b>Flash Point:</b>	Not applicable
<b>Solubility:</b>	If immersed in water the product will dissolve into its constituent parts.
<b>Density:</b>	Between 200 kg/m <sup>3</sup> and 500 kg/m <sup>3</sup> depending upon product type
<b>Oxidising Properties:</b>	Not applicable
<b>Vapour Pressure:</b>	Not applicable
<b>Explosive Properties:</b>	Not applicable

**STABILITY AND REACTIVITY:**

Not applicable

**TOXICOLOGICAL INFORMATION:**

All Armstrong hard fibre ceiling products containing mineral wool comply with the exemption from labelling provisions of EU Directive EN.97/69 for Man Made Mineral Fibres (MMMMF).

This Directive classifies MMMF into two general categories with certain labelling requirements.

Armstrong ceiling products are currently available manufactured from wool that is certified as low Biopersistent in accordance with the Directive.

The use of certified Biopersistent wool replaces the need to provide information regarding fibre lengths and fibre diameters. The new EU directive makes the need for this data unnecessary for these types of mineral wool fibres.

**ECOLOGICAL INFORMATION:**

No Environmental Risks

Material is Recyclable

**DISPOSAL CONSIDERATIONS:**

Unnecessary breakage of the product should be avoided.

During removal of waste products, any accumulated dust may constitute a nuisance and in these circumstances respiratory protection, such as a disposable mask should be worn.

**TRANSPORT CONSIDERATIONS:**

No special requirements

**REGULATORY INFORMATION:**

All Armstrong ceiling products containing mineral wool and for use in forthcoming European projects comply with the exemption from labelling provisions of EU Directive EN.97/69 for Man Made Mineral Fibres (MMMMF).

Reference: The Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regulations (CHIPS 3 2002)

Health and Safety at Work Act 1974

EH 40/97 Occupational Exposure Limits 1997

**OTHER INFORMATION:**

If there are any queries please contact: Internal Technical Sales  
☎ 0800 371849

Mineral Fibre (Wet Felt) COSHH.doc  
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