



## MATERIAL SAFETY DATA SHEET (Approved Code of Practice to CHIP 2)

---

**PRODUCT:** Mineral Fibre Suspended Ceiling Tiles & Panels

**SUPPLIER:** Armstrong World Industries Ltd  
Building Products Division  
Armstrong House  
38 Market Square  
Uxbridge  
Middlesex UB8 1NG  
Tel: 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 suppliers instructions. If creating excessive dust, which is at 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.

If excessive dust occurs :

**Ingestion:** 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:** Thoroughly rinse and wash the affected area in clean water. If allergic reaction develops seek medical attention

**Eye Contact:** Irrigate thoroughly in clean water. If irritation persists seek medical attention.

**Inhalation:** Remove away from contamination 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 as



determined by appropriate tests in accordance with BS 476.  
Water, foam, dry powder or CO<sup>2</sup> are suitable extinguishing media to combat fire involving the product although water and foam must be avoided when live electrical equipment is present.

#### **ACCIDENTAL RELEASE MEASURES:**

No specific requirement.  
If creating excessive dust, respiratory protection should be worn.

#### **HANDLING AND STORAGE:**

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

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

No specific requirement.  
If creating excessive dust, suitable respiratory protection 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:**

- Appearance:** Solid
- Colour:** White (some products are available with a decorative colour finish)
- Odour:** None usually
- pH:** Not applicable
- Boiling Point:** Not applicable
- Melting Point:** Not applicable
- Flash Point:** Not applicable
- Solubility:** If immersed in water the product may dissolve into its constituent parts.
- Density:** Between 230 kg/m<sup>3</sup> and 470 kg/m<sup>3</sup> (dry) depending upon product type
- Oxidising Properties:** Not applicable
- Vapour Pressure:** Not applicable
- Explosive Properties:** Not applicable

#### **STABILITY AND REACTIVITY:**

Not applicable

#### **TOXICOLOGICAL INFORMATION:**

All Armstrong ceiling products which contain mineral wool and are used on projects within the EU comply with the exemption from labelling provisions of EU Directive EN.97/69 for Man Made Mineral Fibres



(MMMMF).

Armstrong ceiling products are manufactured from wool that is certified as 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 EU directive makes the need for this data unnecessary for these types of mineral wool fibres.

#### **ECOLOGICAL INFORMATION:**

No known environmental risks. The 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, suitable respiratory protection should be worn.

Disposal should be at an authorised landfill site in accordance with local or national controls.

#### **TRANSPORT CONSIDERATIONS**

No specific requirements.

#### **REGULATORY INFORMATION:**

All Armstrong ceiling products which contain mineral wool and are used on projects within the EU comply with the exemption from labelling provisions of EU Directive EN.97/69 for Man Made Mineral Fibres (MMMMF).

Other references:

The Health and Safety at Work Act 1974

Control of Substances Hazardous to Health Regulations 1994 (COSHH)

The Chemicals (Hazard Information and Packaging for Supply) Regulations 1994 (CHIP 2)

Approved Code of Practice to Chip 2

EH40/97 – Occupational Exposure Limits 1997

The Chemicals (Hazard Information and Packaging for Supply) (Amendment) Regulations 1998

#### **OTHER INFORMATION:**

If there are any queries please contact:

Robin Desbois, Technical Sales Manager  
Architectural Building Products Division  
Armstrong House  
38 Market Square  
Uxbridge  
Middlesex  
UB8 1NG  
Tel: 01895 202062