



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

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**PRODUCT:** dB Acoustic Insulation Panels

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

### COMPOSITION:

Plasterboard: Calcium sulphate dihydrate encased in paper liners and which may include clay, limestone, and minor amounts of quartz.

Treated open cell polyurethane foam which is produced by the reaction between a high molecular weight polyol and toluene diisocyanate (TDI) and/or diphenyl methane diisocyanate (MDI) in the presence of catalysts, surfactants and blowing agents and which is treated with a water based latex compound containing alumina tri-hydrate.

Flame retardant adhesive.

### 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.

**Plasterboard:** Dust from cutting or sanding the products may irritate the respiratory system, skin and eyes.

**Treated polyurethane foam:** The product is of low toxicity and should present no hazard from skin contact or ingestion. Dust or particles may cause transient irritation to the eyes. Hot wire cutting should be avoided as this will release toxic fumes containing isocyanates into the atmosphere.

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:

Plasterboard is classified as of limited combustibility. 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. Persons attempting to fight fires where PU based products are stored should wear self-contained breathing apparatus and suitable protective clothing.

**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.  
After prolonged contact wash hands thoroughly.

**PHYSICAL AND CHEMICAL PROPERTIES:**

- Appearance:** Solid
- Colour:** Natural and black for the PU foam.
- Odour:** None usually
- pH:** Not applicable
- Boiling Point:** Not applicable
- Melting Point:** Not applicable
- Flash Point:** Not applicable
- Solubility:** If immersed in water plasterboard may dissolve into its constituent parts.
- Density:** Plasterboard approximately 880 kg/m<sup>3</sup>  
PU foam approximately 100 kg/m<sup>3</sup>
- Oxidising Properties:** Not applicable
- Vapour Pressure:** Not applicable
- Explosive Properties:** Not applicable

**STABILITY AND REACTIVITY:**

Not applicable



**TOXICOLOGICAL INFORMATION:**

None other than already noted.

**ECOLOGICAL INFORMATION:**

No known environmental risks. The material is recyclable.

**DISPOSAL CONSIDERATIONS:**

Unnecessary cutting 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:**

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:

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