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# HEALTH & SAFETY DATA SHEET

## Product Name

**WBS Polymer Insulation Bedding Adhesive**

## Composition

A controlled mixed blend of the following materials:

- Silica Sand
- Crushed limestone aggregate
- Portland cement
- Synthetic resins
- Alkali resistant glass fibres
- Inorganic pigments and non toxic chemical additives

## Hazardous Materials Classification

- There is no fire or explosion hazards based on information available.
- Alkali is produced when the material is wet and as such may cause burns if contact with skin or eyes is made.
- It is recommended that personnel working with these products should wear the required protective clothing such as masks, goggles, etc. in accordance with Health and Safety regulations.
- Ensure high standards of personal hygiene.
- Do not smoke, drink or consume food in working areas.
- All work clothing should be changed regularly and laundered.

## First Aid

- **Skin contamination** - may cause some irritation – Wash with clean water and soap. Launder protective clothing before further use.
- **Eye contamination** - will cause severe irritation – Irrigate with clean running water. If irritation persists, seek medical advice.
- **Ingestion** - will cause irritation to the mouth and risk of choking – First rinse mouth and throat thoroughly then drink plenty of water.
- **Inhalation** - likely to cause a shortness of breath – Move to fresh air. Should breathlessness continue seek medical advice.

## Fire Fighting Measures

This product does not present a fire or explosion hazard. Use foam CO<sup>2</sup> water spray or dry powder fire extinguishers.

## Accidental Release Measures

### **Clean up procedures**

- Vacuuming to prevent any continued build up of dust should be sufficient.
- Preferred cleaning is whilst product is still dry. Should vacuuming not be possible, slightly wet the powder to reduce dust build up.

## Handling & Storage

- When handling this product due regard should be given to the risks outlined in 'Manual Handling Operations Regulations 1992'.
- Appropriate Personal Protective Equipment (PPE) should be worn whilst handling this product.
- The product should be stored in a dry area, preferably on pallets or similar off the ground.

## Exposure Controls/Personal Protection

### **Engineering Control Measures**

- All areas should be well ventilated/extracted to prevent dust build up.

### **Occupational Exposure Standards (OES)**

- Insulation Bedding Adhesive OES – 8 hour Time Weighted Average.
- Total dust – 10.00 mg/m<sup>3</sup>.
- Respirable dust – 5.00 mg/m<sup>3</sup>.

### **Respiratory Protection**

- Suitable respiratory protection should be worn at all times, particularly if working areas are poorly ventilated.

### **Hand Protection**

- Gloves should be worn when handling bags of Insulation Bedding Adhesive.

### **Skin Protection**

- Suitable overalls should be worn and all garments are regularly laundered.

### **Eye Protection**

- Use dust proof goggles when handling and using Insulation Bedding Adhesive.

**Physical & Chemical Appearance**

- Appearance – Grey particulate powder.
- Odour – None.
- Freezing Point – N/A.
- Boiling Point – N/A.
- Flash Point – N/A (not flammable or explosive).
- Density – Approx. 1100 – 1300 kg/m<sup>3</sup>.
- Solubility – Mainly soluble.

**Stability & Reactivity**

- The product is stable under most normal storage conditions. Extremes of temperature should generally however be avoided.
- There are no known conditions likely to contribute to the product's reactivity.

**Toxicological Information**

From our experience and the information available to us, we are not aware that the product carries any harmful risk to health provided that all safety procedures as outlined in the 'Exposure Controls/Personal Protection' section are followed.

**Ecological Information**

Do not discharge this product into the natural environment. The product may be toxic to aquatic life forms if spilled into ponds, rivers, watercourses, etc. The product is non bio-degradable.

**Disposal Considerations**

Disposal of the product should be in accordance with any national or regional regulations that may be in effect. Dispose of empty bags at authorised sites only.

**Transport Considerations**

There is no special classification for conveyance required for this product.

**Regulatory Information**

Chemicals ('Hazard Information and Packaging for Supply') Regulations 1994.

**Other Information**

Other sources of information and current legislation relating to the product can be found in:

- Health & Safety at Work Act 1974.
- Control of Substances Hazardous to Health (COSHH) Regulations (4<sup>th</sup> Edition) 2002.
- HSE guidance note EH40 (Occupational Exposure Limits). EH40 is published annually and the most recent issue should be used.
- Manual Handling Operations Regulations 1992.
- St. John or Red Cross manuals on first aid measures

***Recipients of WBS products must take responsibility for existing laws and regulations and at all times operate within Health and Safety guidance on the use of these products.***

***The information provided within this data sheet is deemed to be accurate to the best of our knowledge and given in good faith.***