



Wetherby Building Systems Ltd

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HEALTH & SAFETY DATA SHEET

Product Name

WBS Low Modulus Silicone Sealant

Composition

A controlled mixture of the following materials

- Inert fillers
- Polydimethylsiloxanes
- Benzamido silane

Hazardous Materials Classification

- There is no fire or explosion hazards based on information available.
- Use in well ventilated areas.
- Ensure high standards of personal hygiene.
- Do not smoke, drink or consume food in working areas.

First Aid

- **Skin contamination** - may cause some irritation – Wash with cool clean water before applying soap. Launder protective cloth before further use.
- **Eye contamination** - will cause irritation and smarting – Irrigate with clean running water for at least 15 minutes. Raise the eyelids and rinse beneath them. If irritation persists, seek medical advice.
- **Ingestion** - may cause risk of choking – First rinse mouth and throat thoroughly then drink plenty of water.
- **Inhalation** - likely to cause a shortness of breath – First rinse mouth and throat thoroughly then drink plenty of water.

Fire Fighting Measures

This product does not present a fire or explosion hazard. Use foam CO² water spray or dry powder fire extinguishers.

Accidental Release Measures

Clean up procedures

- Absorb using, earth, sand or similar.

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. Normally the wearing of gloves is sufficient unless using the product in poorly ventilated areas where suitable respiratory protection should be used.
- The product should be stored in a cool area to protect the product from the effects of air and moisture. Keep original containers securely sealed.

Exposure Controls/Personal Protection

Engineering Control Measures

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

Occupational Exposure Standards (OES)

- Silicone Sealant OES – Methanol 8 hour Time Weighted Average.
- Total dust – 10.00 mg/m³.
- Respirable dust – 5.00 mg/m³.

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 using this product.

Skin Protection

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

Eye Protection

- Use dust proof goggles when handling and using this product.

Physical & Chemical Appearance

- Appearance – Thixotropic gel, usually translucent or white.
- Odour – Slight aromatic.
- Freezing Point – N/A.
- Boiling Point – N/A.
- Flash Point – 240 °C. (but not explosive).
- Ignition temperature - 450 °C.
- Density – Approx. 1.18 – 1.28 g/m³.
- Solubility – Insoluble.

Stability & Reactivity

- The product is stable under most normal storage conditions.
- The product reacts with water to liberate ethanol.

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 or watercourses.

Disposal Considerations

Disposal of the product should be in accordance with any national or regional regulations that may be in effect. Dispose of empty containers 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 (4th 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.