

AIM fire barrier and acoustic product range, mineral wool based products

1. COMPANY:

Premier Sealant Systems Ltd

2. COMPOSITION:

Inert vitreous silicate mineral wool bonded with a thermosetting phenolic resin which has been urea extended. Up to 0.5% of mineral oil.

3. HAZARD IDENTIFICATION:

May cause transient skin irritation. High dust levels may irritate the throat. Classified by IARC as category 2B (possibly carcinogenic to humans).

4. FIRST AID MEASURES:

Eyes: If irritation occurs wash eyes with water. If symptoms persist seek medical advice.

Skin: If irritation occurs, wash off under running water prior to washing with soap and water.

5. FIRE FIGHTING MEASURES:

The products are generally non-combustible and do not pose a fire hazard. However, some facings and packing materials may burn.

- a) Suitable Extinguishing Media - water, foam, carbon dioxide or dry powder.
- b) Unsuitable Extinguishing Media - none.
- c) Products of combustion - carbon dioxide, monoxide and some trace gases.
- d) Observe normal fire fighting procedures.

6. ACCIDENTAL RELEASE MEASURES:

No special measures required.

7. HANDLING AND STORAGE:

Avoid unnecessary handling of unwrapped product. Store in original packaging in a dry place.

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION:

Maximum Exposure Limit (MEL) 5mg/m³, 8 hour time weighted average. Ensure good general ventilation. Local exhaust ventilation may be required if the method of use produces dust levels in excess of the MEL.

Respiratory protection: If the MEL cannot be met, disposable face masks complying with BS/EN 149 FFP1 or FFP2 should be used and are suitable for most applications.

Hand protection: Not normally required but industrial gloves can be worn.

Eye protection: When working with product above head height, eye protection is advised.

Skin protection: No special requirement other than loose clothing.

9. PHYSICAL AND CHEMICAL PROPERTIES:

Appearance vitreous mineral wool supplied in the form of slabs and in a sectional form.

Melting point above 600°C

Solubility insoluble in water and generally chemically inert.

10. STABILITY AND REACTIVITY:

No special physical conditions need to be avoided.

No restrictions regarding incompatible materials.

Above 230°C, some binder degradation may occur for a short while, leading to the evolution of small quantities of carbon dioxide, carbon monoxide and other trace gases.

11. TOXICOLOGICAL EFFECTS:

IARC Classification category 2B (in 1987).

Subsequent human epidemiological studies show no link between exposure to mineral wool fibres and lung disease.

12. ECOLOGICAL INFORMATION:

Stable product with no known adverse environmental effects.

13. DISPOSAL CONSIDERATIONS:

No special precautions.

14. TRANSPORT INFORMATION:

No special precautions.

15. REGULATORY INFORMATION:

No special labelling required.

Mineral wool products are not classified under CHIP as hazardous, but are regulated as man-made mineral fibre (MMMF) under the Control of Substances Hazardous to Health Regulations (COSHH) with MEL of 5mg/m³ and/or 2 fibres/ml (respirable), whichever is achieved first.

For mineral wools the appropriate limit is 5 mg/m³ (gravimetric).

This safety data sheet does not constitute an assessment of workplace risk.

16. OTHER INFORMATION:

Health and Safety Executive Guidance Note EH46 - Man-made Mineral Fibres.

Eurisol Health Statement.

This information reflects typical values and is not a production specification.

No warranty expressed or implied is hereby made.