

Date Of Issue: 5 December 1995

Issue No: 1

1. Identification of Material

Product: **Airlite**

Manufacturer: Specialist Refractory Services Ltd
The Amber Business Centre
Riddings, Derbyshire. DE55 4BR. England

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2. Composition

A blend of Calcium Sulphate, Calcium Silicate and Calcium Aluminate with proprietary foaming and control additives which are not hazardous at the level of addition.

3. Hazards Identification

May cause skin irritation in sensitive individuals. Irritating to eyes and respiratory system.

4. First-Aid Measures

Skin contact: - Wash off with soap and water. Remove badly contaminated clothing.

Eye contact: - Irrigate immediately with copious amounts of plain water. Seek medical advice.

Inhalation: - Move to fresh air. Seek medical advice if breathing becomes difficult.

Ingestion: - Unlikely to cause an adverse reaction. Do not induce vomiting. Drink Water and seek medical advice if symptoms develop.

5. Fire-Fighting Measures

Will not support combustion.

6. Accidental Release Measures

Contain spillages and remove using ventilated vacuum systems. Avoid contamination of drains and watercourses.

7. Handling And Storage

Handling: - Avoid contact with skin and eyes.

Storage: - Store in cool, dry environment.

8. Exposure Controls/ Personal Protection

The use of skin and eye protection is recommended. Wear suitable dust masks if the OEL cannot be achieved by local exhaust ventilation.

OEL 10.0 mg/m³ inhalable over 8 hrs

5.0 mg/m³ respirable over 8 hrs

9. Physical And Chemical Properties

Colour: Off White

Appearance: Fine Powder

Odour: None

10. Stability And Reactivity

Stable.

11. **Toxicological Information**

- Inhalation: - Dust from this product may irritate the respiratory tract.
- Skin contact: - May cause irritation in sensitive individuals.
- Eye Contact: - Serious irritation is likely.
- Ingestion: - May irritate the gastrointestinal tract.
- Long term exposure: - Prolonged and repeated contact with this material could lead to respiratory tract damage.

12. **Ecological Information**

Non bio-degradable. Will form hard crystalline mass with ground and atmospheric water.

Soluble in water to give alkaline solution. May be harmful to aquatic organisms in high concentrations. LC50 not determined.

13. **Disposal Considerations**

As an inert solid in accordance with legislation.

14. **Transport Information**

Not hazardous.

15. **Regulatory Information**

This is not classified as a dangerous material.

16. **Other Information**