1. **Identification of Material**

**Product:** Airlite

**Manufacturer:** Specialist Refractory Services Ltd
The Amber Business Centre
Riddings, Derbyshire. DE55 4BR. England
Tel. 0044 - (0)1773 608969   Fax. 0044 - (0)1773 540105

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/m$^3$ inhalable over 8 hrs
  - 5.0 mg/m$^3$ 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**