

## Lead Sheet, used within Lamaphon Acoustic Products

### 1 Chemical product and company identification

- 1.1 Generic name: Thin lead sheet (normally for inclusion in composite laminates for acoustic purposes)
- 1.2 Company address: Siderise Insulation Limited, Forge Industrial Estate, Maesteg, Wales UK CF34 0AZ
- 1.3 If further information is required, please telephone or fax Siderise Insulation Limited Tel 01656 730833 Fax 01656 812509

### 2 Composition / Information on ingredients

Lead (Pb) 99.98% by weight.

### 3 Hazards identification

- 3.1 Over exposure through inhalation and / or ingestion of Pb containing dust or fume may result in loss of appetite, anaemia, malaise, insomnia, headache, irritability, muscle and joint pains, muscle weakness, gastric and liver changes.

### 4 First-aid measures

- 4.1 *Inhalation:* In case of inhalation of lead containing dust or fume, remove immediately from exposure, contact a physician.  
*Ingestion:* In case of ingestion, contact a physician.  
*Skin:* Wash thoroughly with soap and water.  
*Eyes:* Flush thoroughly with water, including under eyelids.  
Consult a physician if irritation persists.

### 5 Fire-fighting measures

- 5.1 *Suitable extinguishing media:* Any. No specific recommendations
- 5.2 *Extinguishing media not to be used:* None
- 5.3 *Special exposure hazards:* Refer to section 11
- 5.4 *Special protective equipment for fire fighters:* Fire fighters should wear proper protective equipment and self-contained breathing apparatus with full-face piece operated in positive pressure mode.

### 6 Accidental release measure

- 6.1 *Personal precautions:* An approved respirator for dust should be worn if Occupational Exposure Limit is exceeded
- 6.2 *Environmental precautions:* No special recommendations
- 6.3 *Methods for cleaning up:* Spilled dust should first be contained and the area should be cleaned by wet sweeping or vacuum cleaning. Avoid creation of dust.

### 7 Handling and storage

- 7.1 *Handling:* Avoid breathing lead containing dust or fumes. Avoid activities generating dust. Adequate ventilation should be provided in order to keep airborne dust / fume concentration below Occupational Exposure Limit
- 7.2 *Storage:* No special precautions needed

### 8 Exposure controls / personal protection

- 8.1 *Occupational Exposure Limit:* TWA 0.15 mg/m<sup>3</sup> as Pb (Health and Safety Executive, Guidance Note EH 40/95). Proper ventilation should be provided in order to maintain dust concentration in the air below the Occupational Exposure Limit. Periodic air quality testing is needed to insure adherence to acceptable limits.
- 8.2 *Respiratory protection:* Use an appropriate and approved respirator if airborne dust concentration exceeds the Occupational Exposure Limit.
- 8.3 *Hand protection:* Wear suitable gloves.
- 8.4 *Eye protection:* Wear safety glasses or face shield if eye contact is possible.
- 8.5 *Skin protection:* Wear protective work clothes. Work clothes should be worn for a one-day period and laundered daily.
- 8.6 *Personal Hygiene:* Practice good housekeeping and personal hygiene procedures. No eating, drinking or smoking in the work area. Wash hands thoroughly before eating, drinking or smoking. Soiled work clothes and shoes shall be removed before leaving the works. Showers and hygiene facilities should be available at the workplace.

### 9 Physical and chemical properties

- 9.1 *Appearance:* Grey metal in thin rolled sheet.
- 9.2 *Melting point:* 327°C.
- 9.3 *Solubility:* Insoluble in water.