



Health And Safety Data Sheet

Product Lead Sheet

Lead is a blue / grey toxic metal, it is insoluble in water and ordinary solvents. There are small concentrations of various other metals contained within it. When supplied in its roll and sheet form it is not currently classified as a hazardous substance in the United Kingdom, however there are certain health and safety practices that should be observed when working with it, these include very basic measures such as,

Ensuring that adequate lifting equipment is available to ensure worker safety when lifting rolls in excess of 25kg.

To wash thoroughly prior to eating, drinking or smoking and not to eat drink or smoke in areas likely to be contaminated by lead.

The most significant danger is likely to occur when melting lead, lead will melt at 327deg c, risk to exposure is not significant when lead welding and burning at temperatures below 500 deg c. The wearing of a mask although recommended is not always necessary providing there is adequate ventilation at the point where the lead begins to fume and at temperatures above 500 deg c risk of exposure is increased.

Lead welding is often carried out in the open air for short periods, exposure to fumes in this instance is likely to be insignificant. Additional safety measures are required when burning is carried out in workshop areas, it is necessary to ensure adequate ventilation and good fume extraction in such instances.

It is the responsibility of both employer and employee to take all necessary measures to limit their exposure to lead and for the employer to ensure that his employees are properly protected from the risk of exposure to lead. These will include basic measures such as,

The provision of protective work wear, gloves and respiratory aids.

To establish clean working areas

To provide adequate washing and changing areas

To provide and maintain detailed safety records



Disposal Of waste

The disposal of scrap should be handled in an environmentally responsible manner, refer to Midland Lead Manufacturers Ltd for more advise on this.

Additional Information

Further information on this subject is available from the Health & Saftey Executive
<http://www.hse.gov.uk/>
Publications, the Control of Lead at Work Regulations (CLAW) 2002 or from
Midland Lead Manufacturers Ltd directly.

Midland Lead Manufacturers Ltd
Kiln Way Woodville
Swadlincote Derbyshire DE11 8ED UK
Tel 00 44 1283 224 555 Fax 00 44 1283 550 284
November 2005