



Barton Moss Road
 Eccles
 Manchester
 M30 7RL
 T: 0161 707 3141
 F: 0161 788 0181
 E: info@plasmet.co.uk
 W: www.plasmet.co.uk

MATERIAL SAFETY DATA SHEET FOR ALUMINIUM PRODUCTS

COMPOSITION Aluminium alloy in sheet, plate, coil or extruded form

INTENDED USE Caravan, building and engineering industries

HEALTH HAZARDS When handling the product in sheet or coil form there is a risk of laceration of the skin. Inhalation of aluminium dust may cause shortness of breath and aggravated bronchial conditions. Occupational Exposure Limits (OEL) have been established for aluminium dust by the Health and Safety Commission. This limit is detailed below and should always be observed.

<u>SUBSTANCE</u>	OEL <u>8 hrs. (a)</u>	OEL <u>10 mins. (b)</u>	<u>Notes</u>
Aluminium	10mg/m ³	20mg/m ³	As dust

- (a) Long term exposure limit – 8 hours time weighted average
- (b) Short term exposure limit – 10 minutes time weighted average
- (s) Occupational Standard Limit
- (m) Maximum Exposure Limit
- (c) Manufacturer's Data
- (d) Limits in mg/m³, all other data in part per million ppm
- (Skin) There is a risk of absorption through unbroken skin

Further guidance on OEL and the assessment of occupational exposure to harmful materials, including mixed exposures, is given in HSE Guidance Note EH40.



Barton Moss Road
Eccles
Manchester
M30 7RL

T: 0161 707 3141
F: 0161 788 0181
E: info@plasmet.co.uk
W: www.plasmet.co.uk

PRECAUTIONS IN

HANDLING AND USE

Protective clothing should be worn to prevent laceration of the skin. Avoid inhalation of dust; this should be achieved by the use of local exhaust ventilation and good general ventilation. If this is not sufficient to maintain concentrations of dust particles at a level below the OEL, suitable respiratory protection must be worn.

FIRST AID PROCEDURE

Eye contact

Irrigate copiously with clean fresh water, holding the eyelids apart

Skin contact

Wash skin thoroughly with soap and water or use a proprietary skin cleaner

Fire prevention

In plate, sheet or coil form, material does not burn. In powder or chip form, use dry powder or sand. Do not use water or halogen extinguishing agent.

Usual fire hazards

Water, oxidisers and many other chemicals react explosively in contact with molten aluminium fine chips, turnings and dust in air may explode if ignition source is present.

DISCLAIMER

THE INFORMATION GIVEN IS BASED ON DATA OBTAINED FROM RELIABLE SOURCES AND IS BELIEVED TO BE CORRECT. HOWEVER, NO WARRANTY IS EXPRESSED OR IMPLIED.