

SAFETY DATA SHEET

1. Identification of the substance/preparation and the company	
Product name and/or code: Manthorpe Drop Down Loft Access Door GL250, GL250-03, GL250-03L(EPS), GL251, GL260, GL260-L(EPS), GL261.	
Nature of Product: Building component, providing an easily installed means of access to loft spaces.	
Supplier: Manthorpe Building Products Ltd. Manthorpe House Brittain Drive Codnor Gate Business Park Ripley Derbyshire DE5 3ND Telephone: +44 (0) 1773 514 200 Fax: +44 (0) 1773 514 262	
2. Composition/information on ingredients	
<p>Manthorpe Drop Down Loft Access Doors are 'Articles' whose composition is not expected to pose any risk to human health or the environment if used in accordance with the Company's handling and fitting instructions.</p> <p>Each closure is comprised of injection moulded high impact polystyrene sections insulated with CFC-free polystyrene foam containing a fire retardant additive and blown with pentane. Sealing materials are composed of thermoplastic and polyurethane foams. The unit is supplied with chromium plated camlocks and the fixing screws supplied are zinc plated mild steel.</p> <p>Some of the ingredients used in the manufacture of these articles may be regarded as hazardous substances or preparations listed in Annex 1 of Directive 67/548/EEC. In the final form in which these products are supplied such ingredients will be present at very low (ppm) levels.</p>	
3. Hazards identification	
<p>These products are not considered hazardous under the provisions of Directive 88/379/EEC.</p> <p>Cutting activities may leave sharp edges which can cause cuts to skin during handling and installation. Adequate protective equipment and operator care should be employed (see section 8)</p>	
4. First Aid Measures	
General	Remove patient from exposure. Never give fluids or induce vomiting if patient is unconscious.
Inhalation	In case of exposure to vapours or fume from heating remove to fresh air. Seek medical advice if any discomfort continues
Eye Contact	Dust or particles in eyes Rinse immediately with plenty of water for at least 15 minutes. Seek medical advice
	Exposure to fumes or vapours Irrigate immediately with sterile eyewash solution and seek immediate medical attention.

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Skin Contact	Contact with cold material	Remove contaminated clothes. Flush immediately with plenty of water.
	Contact with hot material	Cool immediately with cold water. If molten plastic has adhered to skin do not attempt to remove it but immediately refer patient to nearest casualty department.
Ingestion		This route of exposure is unlikely. Small amounts of dust or particulate matter should present no hazard to health, passing quickly through the digestive system. For larger quantities should it occur do NOT induce vomiting, seek medical advice

5. Fire-fighting measures

Extinguishing media:
 Foam, carbon dioxide, dry chemical or water fog.
 Do not use high volume/high pressure water jet as this may spread burning material.

Unusual Fire & Explosion Hazards:
 Burning produces dense black smoke, which may contain toxic and irritant fumes and vapours.

Protective Equipment:
 In major fires toxic and corrosive vapours will be evolved and self-contained breathing apparatus and acid resistant protective clothing should be worn.

6. Accidental release measures

Do not allow product to enter drains or sewers or to contaminate surface waters.
 Sweep up and shovel into suitable, clearly marked containers for subsequent disposal.

7. Handling and storage

Usage Precautions:
 Keep away from sources of ignition.
 Static charges may be generated during the handling of this product and users should avoid the presence of flammable gases and vapours in the vicinity.

Although evolution of fumes and vapours is unlikely due to the nature of this product adequate local exhaust ventilation should be provided where any work which involves heating the component materials is carried out. Ensure that the Occupational Exposure Standard is not exceeded - see section 8 below.
 Solid particles from processing and fabrication can present a slipping hazard.

Storage Precautions:
 Keep in well ventilated storage, away from sources of heat or ignition.

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8. Exposure controls and personal protection				
Due to the nature and normal use of the product it is considered unlikely that occupational exposure standards will be exceeded, however if necessary local exhaust ventilation should be used to maintain satisfactory levels. Under certain circumstances (application of heat, burning etc.) substances which can present a hazard to health may be generated. Accordingly the following list provides Occupational exposure limits for substances present at very low concentrations, which should be taken into account when undertaking a Risk Assessment in accordance with the UK COSHH Regulations 2002.				
Substance	CAS No;	STD	Long term (8hr)	Short term (15 min)
Styrene	100-42-5	MEL	100ppm	250 ppm
Carbon monoxide		OES		300 ppm
Hydrogen bromide	10035-10-6	OES	-	3 ppm
Pentane		no std.		
<p>Personal protection</p> <p>General protection and hygiene: Observe good industrial hygiene practices. Wear appropriate eye protection and gloves whenever particles may be generated or handled</p> <p>Respiratory protection: If dust is formed wear a respirator fitted with a solid particle filter Type - P1.</p> <p>Hand protection: Leather or rubber gloves.</p> <p>Eye protection: Safety goggles.</p>				
9. Physical and chemical properties				
Colour and form:	solid and foam components of various colours			
Odour	faint characteristic			
Softening point:	> 70°C.			
Ignition temperature:	> 200°C			
Solubility in water:	Insoluble			
Solubility in other solvents	Soluble in aromatic solvents			
10. Stability and reactivity				
<p>General information: When stored and handled in accordance with standard practice this product is unlikely to cause any harmful effects.</p> <p>Conditions to avoid: Do not overheat. Degradation and decomposition occurs at temperatures above 160°C</p> <p>Materials to avoid: Strong bases and oxidizing agents.</p> <p>Hazardous decomposition products: CO, CO₂, styrene and other monomers. Traces of hydrogen bromide are also given off during the combustion of the expanded polystyrene insulation. The slight traces of hydrogen bromide, which is precipitated by the water used for fire fighting and thus may find its way into natural water courses, can be regarded as harmless.</p>				
11. Toxicological information				
There is no data available on the product as supplied.				

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12. Ecological information

Do not allow product to enter soil or surface water. Due to the insoluble nature of the components of this product they are not readily decomposed by weathering or by micro organisms. Styrenic materials are generally considered ecologically benign.

Polystyrene has been in use for decades in the forms seen in this product and is not known to yield any substances which lead to contamination of ground water. It is not decomposed by micro-organisms and do not provide nutrients for moulds and bacteria. Degradation in the natural environment is extremely slow.

Water endangering class: (German) WGK = 0. - Generally not water endangering.

13. Disposal considerations

Waste must be disposed of in accordance with local authority requirements.
Controlled incineration at temperatures around 1000^oC with an adequate supply of air is the preferred method.

14. Transport information

Not Classified for Transport.

15. Regulatory information

Not Classified under the Chemicals (Hazard Information and Packaging for Supply) Regulations 2002.

This Article does not normally present a danger to human health by inhalation, ingestion or skin contact in the form in which it is supplied

16. Other information

Revision No: 02.

Revision Date: 4th-May-2004

Replaces version 01, dated 10.10.00

The information contained in this safety data sheet is provided in accordance with the requirements of the Chemicals (Hazard Information and Packaging) Regulations 2002 and Approved Code of Practice L130 - The compilation of safety data sheets (Third Edition).

This product should not be used for other than its intended purpose. This safety data sheet should not be regarded as a risk assessment for the product in use. Users are reminded that they must carry out an adequate Workplace Risk Assessment before using this product. As the specific conditions of use of the product are outside the supplier's control, the user is responsible for ensuring that the requirements of all relevant legislation are complied with.

The information in this safety data sheet has been compiled in good faith from information available to us at the time of its preparation. This information is provided solely to enable the user to take the measures necessary for the protection of health and safety at work and of the environment. and should not be construed as any guarantee of technical performance or suitability for particular applications. The user must take steps to ensure that complete and suitable information is available before use and must observe all relevant laws and regulations that apply. The information herein provided does not imply that any use is free of patent or other restrictions.