

MATERIAL SAFETY DATA SHEET (DIRECTIVE 91/155/EEC)

This data sheet has been produced to advise our customer regarding possible hazards with Flexible sheeting in recognition of our responsibility to health and safety at work act.

The use of our products does not entail any special hazard if they are handled according to normal good safety practices. Nevertheless, we would draw your attention to some specific information concerning their safe use. This information should not be construed as indicative of any new or unusual hazards that we have discovered, but rather that you should be properly informed of their characteristics and to discharge our duty as outlined in the Act.

1. Product and Company identification

Identification of Substances or Preparation:	Low density re-cycled Polyethylene.
Company Identification:	Frank Mercer & Sons Ltd Chequerbent Works, Manchester Road, Westhoughton. BL5 3JF
Emergency Contact Number	01942 841111 Jolene@toughsheet.co.uk

2. Composition/information on ingredients

100% re-cycled Low density Polyethylene (coloured Products include a maximum of 3% pigment)

Other additives may be included to achieve special properties depending on the end use of the product.

Coloured Sheeting will include a maximum of 3% Carbon Pigment.

There is no toxic element incorporated in the finished material and does not normally constitute a hazard.

3. Hazard Identification (Directive 67/548/EEC)

None

4. First Aid Measures

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| a. Skin Contact | No Special Measures |
| b. Eye Contact | “ |
| c. Inhalation | “ |
| d. Ingestion | “ |
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5. Fire Fighting Measures

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| a. Suitable Extinguishing Media: | Dry Powder |
| b. Unsuitable Extinguishing Media | Water. Advice can be sought from local Fire authority |
| c. Exposure Hazards | Gasses will be given off in a major fire situation, consult your local Fire authority. |
| e. Protective Equipment for Fire Fighters | Use self-contained breathing apparatus. |
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6. Accidental Release Measures

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| a. Personal Precautions | None |
| b. Environmental Precautions | None |
| c. Method of Cleaning up: | Not Applicable |
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7. Handling & Storage

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| a. Precautions during handling | There are no special precautions recommended for safe handling of flexible Polythene sheeting |
| b. Storage | If significant quantities of Polythene sheeting are stored, the local fire authorities should be advised of the fact in order that they are forewarned of the possible hazard. |
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8. Exposure Control/Personal Protection

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| a. | Exposure Control Limits | None |
| b. | Special Protective Measures | None |
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9. Physical & Chemical Properties

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| a. | Physical State | Sheet Material |
| b. | Odour | Faint |
| c. | Decomposition Temperature | Begins at 160 degrees Cent. Decomposition is a function of time, high processing temperatures should not be applied for long periods. Above 200 degrees Cent decomposition occurs rapidly. |
| d. | Flammability | will burn if it comes into direct contact with a naked flame or a radiant heat source such infrared heating element. |
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10. STABILITY & REACTIVITY

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| a. | Thermal Decomposition | Decomposition will start at 160 degrees Cent. |
| b. | Conditions to avoid | None |
| c. | Materials to Avoid | None |
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11. Toxicological Information

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| a. | Residual Monomer depolymerise | When heated the sheeting do not depolymerise |
| b. | Toxic Ingredients. However, | Does not constitute a toxic hazard.

being made of totally recycled product it should not be used for directly wrapping food nor should sheet be used for children's playthings unless specifically formulated for this purpose. |

12. Ecological Information

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| a. Environmental Effect: | The product is not biologically decomposable. It degrades under prolonged ultraviolet exposure. It floats on water and is insoluble in water. No bioaccumulation known. The product is non toxic. |
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13. Disposal Consideration

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| a. Disposal of Product | Through normal trade re-cycling outlets |
| b. Disposal of Packaging | By re-cycling. We are an accredited Re-cycler with the Department of the Environment and can take all LDPE products back for re-cycling and re-use. |

14. Transport Information

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| a. No Special Precautions required | |
| b. ADR | None |
| c. UN Number | None |

15. Regulatory Information

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|--------------------------|------|
| a. Risk Phrase | None |
| b. Safety Phrase | None |
| c. Classification Symbol | None |

16. Other Information

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| a. Uses | Various |
| b. Processing Involving Heat | In operations such as HF Welding or Vacuum Forming etc., excessive heat may give rise to evolution of plasticiser fumes, none of which are harmful or toxic. |

c. Static Electricity

Build up of static electricity in rolls of Polythene film and sheeting may cause sparking when the material is earthed. In areas where this may be a potential hazard e.g. near flammable solvents, steps should be taken to eliminate safely the static charge and to prevent or minimise Subsequent recharging during further processing.

d. REACH

The data contained in this Material Safety Data Sheet has been prepared in accordance with formatting described in the REACH Regulation (EC) No 1907/2006, and described in CLP Regulation (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided. Please ensure that it is passed to the appropriate person(s) in your company, who is capable of acting on the information.
