

HEALTH & SAFETY DATA SHEET - POLYISOBUTYLENE (PIB)

PRODUCT	THERMOPLASTIC ELASTOMER SHEET
INTENDED USE	Pipe & Duct Insulation Covering Tank Lining Roofing
COMPOSITION	The material is manufactured from a thermoplastic elastomer base, together with reinforcing agents, UV stabilizers and processing aids.
HEALTH HAZARD	The material does not pose any health hazard. However in the interest of good hygiene, hands should be washed after use.
FIRE PRECAUTIONS	<p>In common with most other thermoplastic elastomers, once ignited it will burn with the evolution of dense smoke. The fumes from burning PIB are non toxic as the material contains no vinyl chloride polymer or plasticisers. However, if burnt in a confined space there will be, as with all organic matter, some carbon monoxide given off. Therefore inhalation of the fumes must be avoided.</p> <p>Precautions should be taken to ensure the absence of sources of ignition in the storage and processing area.</p> <p>In the event of a small fire, this may be fought using carbon dioxide, dry chemical powder, foam, water spray, sand or earth. Large fires should be dealt with by foam or water fog.</p>
STORAGE	No undue hazards should be met in the storage of thermoplastic elastomers.

FURTHER INFORMATION

1. Further guidance on OES and the Assessment of Occupational Exposure to harmful materials including mixed exposures, is given in the current version of H.S.E. Guidance Notes EH40 and EH42.
2. British Standard BS 4275: Recommendations for the Selection, Use and Maintenance of Respiratory Protective Equipment.
3. Toxicity and Safe Handling of Rubber Chemicals, Code of Practice BRMA.
4. All products should be used in accordance with the manufacturers instructions - for suitability for other applications or further advice contact the address above.

<i>Plysolene PIB</i>	Polyisobutylene sheeting insulation membrane
<i>Plysolene ORG</i>	Acid resistant membrane
<i>Plyload</i>	Polymeric damp proof course
<i>Plyweld</i>	High frequency weldable damp proof course
<i>Insulgard</i>	Multiwall polycarbonate sheet

