

**POLYPIPE BUILDING PRODUCTS  
MATERIAL SAFETY DATA SHEET**

Date: Aug 2009

Code: Polybutene Products - Underfloor Heating Pipe, Polyplumb fittings, Polyfit fittings.

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<b>1. IDENTIFICATION</b>		
PRODUCT NAME: Underfloor Heating Pipe, Polyplumb Push Fit Fittings, Polyfit Push Fit Fittings.		
SUPPLIER:	POLYPIPE BUILDING PRODUCTS LTD BROOMHOUSE LANE DONCASTER DN12 1ES	
TELEPHONE:	01709 770000	
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<p>The following information is based upon our current knowledge and experience of our products and is not exhaustive. It applies to the product range outlined above. The potential hazards identified, together with the recommended precautions for storage, handling and use, give the basic information for conducting workplace risk assessments and adequate control measures under the Control of Substances Hazardous to Health Regulations 2002, Control of Substances Hazardous to Health (Amendment) Regulations 2004 and the Approved Code of Practice.</p>		
<b>2. HAZARDS IDENTIFICATION</b>		
There are no known hazards associated with the solid products, although fine particles released on cutting may cause irritation to the eyes and respiratory tract.		
<b>3. COMPOSITION / INFORMATION ON INGREDIENTS</b>		
Polybutene -1 (PB)	CAS No 9037-04-1	Risk Phrases: None
<b>4. FIRST AID MEASURES</b>		
<p><b>Inhalation:</b> Not applicable.  <b>Eye contact:</b> Fine particles released on cutting - rinse with clean water to remove. Seek medical advice.  <b>Skin contact:</b> Not applicable.  <b>Ingestion:</b> Not expected to have any toxic affects.</p>		
<b>5. FIRE FIGHTING MEASURES</b>		
<p><b>Extinguishing Media:</b> Use water spray, CO<sub>2</sub> or foam. If immediate action fails to extinguish, evacuate the building.  <b>Hazardous combustion products:</b> Toxic gases and fumes including, CO and CO<sub>2</sub>  For large fires, self-contained breathing apparatus must be worn. Combustion will cease on flame removal.</p>		
<b>6. ACCIDENTAL RELEASE MEASURES</b>		
Not Applicable		
<b>7. HANDLING AND STORAGE</b>		
<p><b>Usage Precautions:</b> There are no specific usage procedures identified for this product. Gloves should be worn if edges are sharp where material has been broken.  <b>Storage Precautions:</b> No special requirements are needed for storage.</p>		
<b>8. EXPOSURE CONTROLS / PERSONAL PROTECTION</b>		
<p>Exposure Controls; wear suitable dust mask and eye protection when cutting. WEL for dust; 10mg/m<sup>3</sup>, total inhalable dust (8 hr TWA), 4 mg/m<sup>3</sup>, respirable dust (8 hr TWA)  <b>Decomposition Products;</b> WEL Carbon Monoxide - 200ppm (STEL, 15 mins)</p>		
<b>9. PHYSICAL AND CHEMICAL PROPERTIES</b>		
Appearance:	Solid plastic product	
Odour/Taste:	None	
Density:	0.94g/cm <sup>3</sup>	
Solubility	Insoluble	
Ignition temperature	400°C	
Decomposition temp	275°C	

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<b>10. STABILITY AND REACTIVITY</b>
Polybutene products are completely stable in normal use. Avoid sources of ignition. <b>Hazardous Decomposition Products;</b> thermal decomposition will evolve toxic vapours including hydrogen chloride, carbon monoxide and carbon dioxide and soot.
<b>11. TOXICOLOGICAL INFORMATION</b>
Not Applicable
<b>12. ECOLOGICAL INFORMATION</b>
There is no risk to the environment from the use of this product. The product is insoluble in water. The product has no mobility in soil. There is no evidence for biodegradability in water or soil. Polybutene is not harmful to aquatic organisms.
<b>13. WASTE DISPOSAL</b>
<b>Disposal Methods;</b> waste product comes within the scope of The Environmental Protection (Duty of Care) Regulations 1991 (SI 1991/2839 as amended SI 1996/972). Check for possible re-cycling options.
<b>14. TRANSPORT INFORMATION</b>
These products are not classified as dangerous goods for carriage.
<b>15. REGULATORY INFORMATION</b>
Not classified as dangerous for supply.
<b>16. OTHER INFORMATION</b>
This product should be used as directed. Recipients of the product must take responsibility for observing existing laws and regulations. This Safety Data Sheet was compiled using the current safety information supplied by the distributors of the component materials. This Safety Data Sheet is in the REACH Annex II format and supersedes all previous issues, and users are cautioned to ensure it is the current version. Destroy all previous revisions and refer to the supplier on +44 1709 770000 for queries regarding this data sheet.