

**POLYPIPE BUILDING PRODUCTS
MATERIAL SAFETY DATA SHEET**

Date: Aug 2009

Code: PVC-U Below Ground Products - Underground Drainage, Polysewer, Sewerdrain, Ducting, Land Drain and Civils.

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1) IDENTIFICATION		
PRODUCT NAME: Underground Drainage, Polysewer, Sewerdrain, Ducting, Land Drain and Civils.		
SUPPLIER:	POLYPIPE BUILDING PRODUCTS LTD BROOMHOUSE LANE DONCASTER DN12 1ES	
TELEPHONE:	01709 770000	
EMERGENCY:	01709 770000	
EMAIL:	bpdatasheets@polypipe.com	
<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>		
2. HAZARDS IDENTIFICATION		
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.		
3. COMPOSITION / INFORMATION ON INGREDIENTS		
Polyvinyl Chloride (PVC)	CAS No 9002-86-2	Risk Phrases: None
4. FIRST AID MEASURES		
<p>Inhalation: Not applicable. Eye contact: Fine particles released on cutting - rinse with clean water to remove. Seek medical advice. Skin contact: Not applicable. Ingestion: Not expected to have any toxic affects.</p>		
5. FIRE FIGHTING MEASURES		
<p>Extinguishing Media: use water spray, CO₂ or foam. If immediate action fails to extinguish, evacuate the building. Hazardous combustion products: toxic gases and fumes including HCl, CO and CO₂ For large fires, self-contained breathing apparatus must be worn. Combustion will cease on flame removal.</p>		
6. ACCIDENTAL RELEASE MEASURES		
Not Applicable		
7. HANDLING AND STORAGE		
<p>Usage Precautions: there are no specific usage procedures identified for this product. Gloves should be worn if edges are sharp where material has been broken. Storage Precautions: no special requirements are needed for storage. PVC products should not be stored in contact with strong acids.</p>		
8. EXPOSURE CONTROLS / PERSONAL PROTECTION		
<p>Exposure Controls; wear suitable dust mask and eye protection when cutting. WEL for dust; 10mg/m³, total inhalable dust (8 hr TWA), 4 mg/m³, respirable dust (8 hr TWA) Decomposition Products; WEL Hydrogen Chloride - 5 ppm (STEL, 15 mins), WEL Carbon Monoxide - 200ppm (STEL, 15 mins)</p>		

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9. PHYSICAL AND CHEMICAL PROPERTIES	
Appearance:	Solid plastic product
Odour/Taste:	None
Density:	>1.4g/cm ³
Solubility	Insoluble
Ignition temperature	>450°C
Decomposition temp	100°C
10. STABILITY AND REACTIVITY	
PVC products are completely stable in normal use. Avoid sources of ignition. With the exception of Sulphuric Acid (>90%) and Nitric Acid (>50%), PVC is resistant to acids and aqueous alkalis up to 60°C. At temperatures > 60°C, the polymer is attacked. Hazardous Decomposition Products: thermal decomposition will evolve toxic vapours including hydrogen chloride, carbon monoxide and carbon dioxide and soot.	
11. TOXICOLOGICAL INFORMATION	
Not Applicable.	
12. ECOLOGICAL INFORMATION	
There is no risk to the environment from the use of this product. The product is insoluble in water. The product as no mobility in soil. There is no evidence for biodegradability in water or soil. PVC is not harmful to aquatic organisms.	
13. WASTE DISPOSAL	
Disposal Methods: 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.	
14. TRANSPORT INFORMATION	
These products are not classified as dangerous goods for carriage.	
15. REGULATORY INFORMATION	
Not classified as dangerous for supply.	
16. OTHER INFORMATION	
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.	