

POLYPIPE CIVILS SAFETY DATA SHEET

Date: April 2013
 Code: PVC Rigid Pipe
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1. IDENTIFICATION

PRODUCT NAME: PVC Rigid Pipe

SUPPLIER: POLYPIPE CIVILS
 CHARNWOOD BUSINESS PARK
 NORTH RD
 LOUGHBOROUGH
 LE11 1LE

TELEPHONE: 01509 615100
 EMERGENCY: 07770 933876 or 07793 967435

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 Management of Health and Safety at Work Regulations 1999 and Control of Substances Hazardous to Health Regulations 2002.

2. HAZARDS IDENTIFICATION

There are no known hazards associated with the solid products, although fine particles (swarf) 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 W/W% - >99.5% Risk Phrases : None
 Chloroethylene (VCM) CAS No#75-01-4 W/W - <10 ppm Hazard Symbol – F+, T Risk Phrases – R45, R12

Product Description: POLYSEWER
 UTILITY DUCT
 CABLE GUARDS
 GENERAL PURPOSE DUCTING
 LANDDRAIN COIL

4. FIRST AID MEASURES

Inhalation: Not applicable
 Eye contact: Rinse with clean water to remove particles. Seek medical advice.
 Skin contact: Wash with soap and water
 Ingestion: Wash out mouth with water. Obtain medical attention.

5. FIRE FIGHTING MEASURES

Extinguishing Media : Use water spray, CO₂ or foam. If immediate action fails to extinguish, evacuate the building. Hazardous combustion products : Toxic Gases & Fumes including Hydrogen Chloride, Carbon Monoxide and Carbon Dioxide.

With large fires self-contained breathing apparatus must be worn. Combustion will cease on flame removal.

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6. ACCIDENTAL RELEASE MEASURES
Not Applicable
7. HANDLING AND STORAGE
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.
8. EXPOSURE CONTROLS / PERSONAL PROTECTION
Exposure Controls WEL for Dust (when products are cut) = 10mg/m ³ total inhalable dust (8Hr WEL), 4 mg/m ³ respirable dust (8 Hr WEL) PPE Wear suitable dust mask and eye protection when cutting Decomposition Products WEL Hydrogen Chloride – STEL (15 mins) 5 ppm WEL Carbon Monoxide – STEL (15 mins) 200ppm
9. PHYSICAL AND CHEMICAL PROPERTIES *
Appearance: Solid plastic product Odour/Taste: None Density: >1.4g/cm ³ Flash Point (°C) >350°C 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. Above this temperature the polymer is attacked. Hazardous Decomposition Products: Thermal decomposition will evolve toxic vapours – hydrogen chloride, carbon monoxide and carbon dioxide as well as fire soot
11. TOXICOLOGICAL INFORMATION
Inhalation: PVC products may contain extremely small traces of vinyl chloride monomer Ingestion: High concentrations of dust may be irritant to the respiratory tract Skin: Dust may be irritant in contact with skin Eyes: Fine particles may be irritating to eyes.

12. ECOLOGICAL INFORMATION
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. 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. This Safety Data Sheet was compiled using the current safety information supplied by the distributors of the component materials. This Safety Data Sheet, in CHIP format, supersedes all previous issues, and users are cautioned to ensure it is current as of April 2013.