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1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE

1.1 Product Identity

Product Name: Polypipe Building Products PVC-u Below Ground Products – Underground Drainage, Polysewer, Sewer drain, Ducting, Land Drain and Civils

1.2 Relevant Identified Uses:

Recommended use: Below Ground Systems

1.3 Details of Supplier

POLYPIPE BUILDING PRODUCTS
BROOMHOUSE LANE
EDLINGTON
DONCASTER
DN12 1ES

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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, The CLP Regulations and the Approved Code of Practice

2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Non-Hazardous under normal conditions and use

2.2 Label elements

Not applicable

2.3 Other hazards

Non-Hazardous under normal conditions and use. Fine particles released during cutting may cause irritation to the eyes and respiratory tract.

3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

PVC-u
Calcium hydroxide - Stabilizer
Natural Calcium Carbonate - Filler

Chemical Name	EC No	CAS No.	Weight %	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number

**POLYPIPE BUILDING PRODUCTS LTD
MATERIAL SAFETY DATA SHEET**

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Poly (vinyl chloride)	-	009002-86-2	>99		-
Natural Calcium Carbonate	215-279-6	1317-65-3	>=85-<100		
Calcium hydroxide	215-137-3	1305-62-0	<20	STOT SE 3; H335 Skin Irrit. 2; H315 Eye Dam. 1; H318	01-2119475151-45-xxxx

4: FIRST AID MEASURES

4.1. Description of first aid measures

General Advice

Inhalation:	Not applicable in normal use. If thermal decomposition occurs and vapours have been inhaled, affected person is to be moved to fresh air and seek medical attention.
Skin Contact:	Not applicable under normal use. Fine particles released during cutting - wash with soap and water
Eye contact:	Not applicable under normal use. Fine particles released during cutting – rinse with clean water for up to 10 minutes holding eyelids apart. Seek medical advice.
Ingestion:	Not applicable in normal use. If ingestion of dust occurs during cutting, rinse mouth out with water and seek medical advice. Do not induce vomiting.

5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media Water, Foam, CO2, Sand or Earth

Unsuitable Extinguishing Media Do NOT use water

5.2. Special hazards arising from the substance or mixture

Combustible but not readily ignited under normal conditions.

Combustion or thermal decomposition will evolve toxic and irritant vapours – Hydrogen Chloride, Carbon Monoxide & Carbon Dioxide, Smoke & Fire Soot

5.3. Advice for firefighters

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

6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Personal Precautions: Not applicable under normal conditions. Avoid build of dust during any cutting process

6.2. Environmental precautions

Not applicable under normal conditions.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up: Material should be collected in clean containers and recycled where practicable.

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6.4. Reference to other sections

Reference to other sections: Sections 8 & 13

7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Advice on safe handling

Ensure safe lifting techniques are applied when handling the product.
The use of Personal Protective Equipment (PPE) is recommended when working with this product.

7.2. Conditions for safe storage, including any incompatibilities

Storage Conditions

Store under cover away from sources of heat and ignition and strong acids
Store in a dry location

8: EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1 Control parameters

Chemical Name	CAS No.	LTEL 8 hr TWA ppm	LTEL 8 hr TWA mg/m3	STEL ppm	STEL mg/m3	Note:
PVC Dust (Respirable)	009002-86-2	-	1.5	-	COM	01-2119457290-43-XXXX
Natural Calcium Carbonate (Inhalable) (Respirable)	1317-65-3		10 4			
Calcium hydroxide (Inhalable)	1305-62-0		5			

8.2. Exposure controls

Engineering Controls

Not applicable in normal use.

Personal Protective Equipment

General & hygienic measures

Wash hands before breaks and at the end of work
Avoid contact with the eyes

Eye/Face Protection

Suitable safety goggles should be worn to reduce the potential risk due to cutting swarf and dust

Respiratory Protection

Wear suitable dust mask if cutting operation creates dust

Protection of Hands

Abrasive resistant gloves should be worn to reduce the potential risk of small cuts and abrasions, which may occur during the installation process

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9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Physical State:	Solid PVC-u product
Odour:	Slight
Auto ignition Temperature:	450 °C
Explosive properties	Deposited dust is weakly flammable and has no self-sustained flame. This product is not classified as a dust explosive
Solubility (Water):	Insoluble
Solubility (Other):	Soluble in: cyclohexanone, tetrahydrofuran, 1,2 Dichloroethane
Specific Gravity:	1, 4 at 20 Deg C

10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal handling and storage conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

PVC-u

With the exception of sulphuric acid (> 90%) and nitric acid (>50%), PVC is resistant to acids and alkalis up to 60 Deg C. However, above this temperature the polymer is attacked by the stronger acids.

Calcium Carbonate (filler)

Reacts with acids to form carbon dioxide.

10.4. Conditions to avoid

Dust accumulation

10.5 Incompatible materials

PVC-u see 10.3

Calcium Hydroxide – Stabiliser – Strong oxidising agents

10.6. Hazardous decomposition products

PVC-u

Thermal decomposition will evolve toxic vapours. (hydrogen chloride, carbon monoxide, carbon dioxide and fire soot).

11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

PVC-u

Inhalation	PVC products may contain traces of vinyl chloride monomer
Ingestion	High concentrations of dust may be irritant to the respiratory system
Skin	May cause abrasion in contact with skin
Eyes	May cause abrasion on contact with eyes

12: ECOLOGICAL INFORMATION

General 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. The product is not harmful to organisms.

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13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Recover and recycle if possible. Dispose of waste material in accordance with national and local regulations

14. TRANSPORT INFORMATION

These products are not classified as dangerous goods for carriage

15: REGULATORY INFORMATION

Not classified as hazardous for supply

16: OTHER INFORMATION

Training Advice Provide adequate information, instruction, and training for operator

This product should be used in accordance with the manufacturer's instructions

It is the user's responsibility to adhere to both National and Local Safety Regulations.

This safety data sheet complies with the requirements of: Regulation (EC) No. 1907/2006

Disclaimer

The information provided in this Safety Data Sheet was compiled using current safety information supplied by distributors of the component materials. The information given is designed only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

This safety data sheet. Recipients of the product must take responsibility for observing existing laws and regulations. This Safety Data Sheet is in 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.