

Date: 10.01.18  
Code: PVC-u Rainwater Products  
Page: 1 of 5

## 1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE

### 1.1 Product Identity

**Product Name:** Polypipe Building Products PVC-u Rainwater Products - Half Round Rainwater, Ogee Extra Capacity Gutter, Deep Flow Capacity Gutter, Sovereign High Capacity Gutter, Square Section Rainwater.

### 1.2 Relevant Identified Uses:

**Recommended use:** Rainwater Systems

### 1.3 Details of Supplier

POLYPIPE BUILDING PRODUCTS  
BROOMHOUSE LANE  
EDLINGTON  
DONCASTER  
DN12 1ES

### 1.4 Contact details / Emergency contact details

**TELEPHONE:** 01709 770000  
**EMERGENCY:** 01709 770000 (Mon to Fri 08.00 to 17.30)  
**EMAIL:** bp.datasheets@polypipe.com

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**

**Bis(pentane-2, 4-dinato) calcium, Calcium magnesium oxide – Stabilizer**

Chemical Name	EC No	CAS No.	Weight %	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Poly (vinyl chloride)	-	009002-86-2	>99		-

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

Date: 10.01.18  
Code: PVC-u Rainwater Products  
Page: 2 of 5

Bis(pentane-2, 4-dinato) calcium	243-001-3	197372-44-2	>1.0 < 3.0	Eye Dam. 1, H318 Skin Sens. 1A, H317 Acute Tox. 4 (Inhal) H302	01-2119965143-39-xxxx
Calcium magnesium oxide	253-425-0	37247-91-9	>1.0 < 3.0	Eye Dam. 1, H318 Skin Irrit. 2, H315 STOT SE 3 (Inhal) H335	01-2119474202-47-xxxx

**4: FIRST AID MEASURES**

**4.1. Description of first aid measures**

**General Advice**

<b>Inhalation:</b>	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.
<b>Skin Contact:</b>	Not applicable under normal use. Fine particles released during cutting - wash with soap and water
<b>Eye contact:</b>	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
<b>Ingestion:</b>	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**

<b>Suitable Extinguishing Media</b>	Water, Foam, CO2, Sand or Earth
<b>Unsuitable Extinguishing Media</b>	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 – Cox, CaO, ZnO, CO, CO2, Hydrogen Chloride, 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**

<b>Personal Precautions:</b>	Not applicable under normal conditions. Avoid build of dust during any cutting process
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**6.2. Environmental precautions**

Not applicable under normal conditions.

**6.3. Methods and material for containment and cleaning up**

<b>Methods for cleaning up:</b>	Material should be collected in clean containers and recycled where practicable.
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**6.4. Reference to other sections**

<b>Reference to other sections:</b>	Sections 8 & 13
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Date: 10.01.18  
Code: PVC-u Rainwater Products  
Page: 3 of 5

**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

**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

**9: PHYSICAL AND CHEMICAL PROPERTIES**

**9.1. Information on basic physical and chemical properties**

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

**10: STABILITY AND REACTIVITY**

**10.1. Reactivity**

Stable under normal handling and storage conditions

Date: 10.01.18  
Code: PVC-u Rainwater Products  
Page: 4 of 5

**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.

**10.4. Conditions to avoid**

Dust accumulation

**10.5 Incompatible materials**

PVC-u see 10.3

Stabiliser – Acids and Strong oxidising agents

**10.6. Hazardous decomposition products**

**PVC-u**

Thermal decomposition will evolve toxic vapours. See 5.2

**11: TOXICOLOGICAL INFORMATION**

**11.1. Information on toxicological effects**

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

**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.

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

Date: 10.01.18

Code: PVC-u Rainwater Products

Page: 5 of 5

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.