

SAFETY DATA SHEET

Polypipe BP
Supersedes date: Aug.2009

Revision Date: 24.08.2023
Revision: 2

Section 1: Identification of the Substance / Mixture and the Company Undertaking

1.1 Product identifier

Product Name: Polypipe Building Products Polypropylene Fittings and Pipes
Product No: If applicable

1.2 Relevant identified uses of the substance or mixture and uses advised against

Identified uses: Fittings and Piping Systems

1.3 Details of the supplier of the safety data sheet

Supplier Polypipe Building Products Limited
Broomhouse Lane
Edlington
Doncaster
DN12 1ES

Tel: 01709 770000
Fax: 01709 770001

1.4 Emergency telephone number

Polypipe Building Products Ltd. ++44 (0) 1709 770000 (Mon-Fri 09:00 - 17:00)

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 in line with current regulations and guidance documents.

Section 2: Hazard Identification

2.1 Classification of the substance or mixture

Not a hazardous substance or mixture.

2.2 Label element

Not labelled as hazardous.

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.

2.4 Additional information

N/A

Section 3: Composition / Information on Ingredients

3.1 Substance / Mixture

Substances not classified as a health or environmental hazard when used in line with site instructions

3.2 Additional information

N/A

SAFETY DATA SHEET

Section 4: First Aid Measures

4.1 Description of first aid measures

General Advice:	When in doubt or if symptoms are observed, seek medical 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 15 minutes holding eyelids apart. Seek medical advice if dust particles still remain.
Ingestion:	Not applicable in normal use. If ingestion of dust occurs during cutting, rinse mouth out with water and seek medical advice.

4.2 Most important symptoms and effects, both acute and delayed

Not applicable under normal use. Dust during cutting: Irritation to nose and throat.

4.3 Indication of any immediate medical attention and special treatment needed

Not applicable under normal use.

Section 5: Fire Fighting Measures

5.1 Extinguishing media

Suitable Extinguishing Media: Water spray, Foam, Dry chemical powder, CO₂.

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products Carbon monoxide, carbon dioxide, hydrocarbons (smoke).

5.3 Advice for fire fighters

If immediate actions fail to extinguish, evacuate the area – Combustion of product produces toxic gases and fumes including Carbon Monoxide, Carbon Dioxide, Acrolein and other Aldehydes.

Clothing and gloves resistant to fire required for fire fighters along with full SCBA.

Section 6: Accidental Release Measures

6.1 Personal precautions, protective equipment, and emergency procedures

Personal Precautions: Not applicable under normal conditions / use.

6.2 Environmental precautions

Not applicable under normal conditions / use.

6.3 Methods and material for containment and cleaning up

Material should be collected in clean containers and recycled where possible.

6.4 Reference to other sections

Refer to measures in sections 8.

SAFETY DATA SHEET

Polypipe BP
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Section 7: Handling and Storage

7.1 Precautions for safe handling

Use in accordance with Work Instructions.

Gloves should be worn if sharp edges present a risk of cut.

Maintain good housekeeping standards to prevent accumulation of dust whilst cutting.

7.2 Conditions for safe storage, including an incompatibilities

Store in accordance with Work Instructions.

Products should be stored away from excessive heat.

7.3 Specific end user(s)

N/A

Section 8: Exposure Controls / Personal Protection

8.1 Control parameters

Exposure Limits: Not Applicable.

Biological occupational exposure limits: Not Applicable.

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.

Eye/Face Protection: Suitable safety goggles should be worn to reduce the potential risk due to cutting swarf and dust. Avoid contact with the eyes.

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.

Section 9: Physical and Chemical Properties

9.1 Information on basic physical and chemical properties

Physical State:	Solid plastic products
Appearance:	As specified
Colour:	As specified
Odour:	Odourless
Flash Point:	>320 °C
Melting point / freezing point:	140 – 170 °C
Decomposition Temperature:	>300°C
Explosive Properties:	Product is not explosive
Density:	0.90 – 0.93
Solubility:	Not soluble

9.2 Other information

N/A

SAFETY DATA SHEET

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Section 10: Stability and Reactivity

10.1 Reactivity

Not Applicable.

10.2 Chemical stability

Stable under normal handling and storage conditions.

10.3 Possibility of hazardous reaction

Polypropylene products are completely stable in normal use.

10.4 Conditions to avoid

Avoid extreme heat, flames, and all sources of ignition.

10.5 Incompatible materials

Not Applicable.

10.6 Hazardous decomposition products

Fire or high temperatures create Aldehydes (Acrolein), carbon monoxide and carbon dioxide fumes.

Section 11: Toxicological Information

11.1 Information of toxicological effects

Acute Toxicity Not Applicable.

Primary Irritant Effect

On the Skin No irritant effect.

On the Eye No irritant effect.

Respiratory / Sensitisation No irritant effect.

Section 12: Ecological Information

12.1 Toxicity

Not Applicable.

12.2 Persistence and degradability

Not Applicable.

12.3 Bioaccumulative potential

Not Applicable.

12.4 Mobility in soil

Not Applicable.

12.5 Results of PBT and VPvB assessment

Not Applicable.

12.6 Other adverse effects

Polypropylene is benign. Generally, any release into the environment should be avoided; this product is not biodegradable and is not readily decomposed by weathering or by microorganisms.

SAFETY DATA SHEET

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Section 13: Disposal Considerations

13.1 Waste treatment methods

Waste from residues:	In accordance with local and national regulations. Dispose of wastes in an approved waste disposal facility. When outsourcing waste treatment, notify the treatment company regarding the hazards before outsourcing.
Contaminated packaging	Empty the container completely before disposal. Do not reuse the container for any other purpose. Dispose of in accordance with applicable laws and regulations.

13.2 Additional information

Not applicable

Section 14: Transport Information

14.1 UN number

Not classified as dangerous in the meaning of transport regulations.

14.2 UN proper shipping name

Not classified as dangerous in the meaning of transport regulations.

14.3 Transport hazard class(es)

Not classified as dangerous in the meaning of transport regulations.

14.4 Packing group

Not classified as dangerous in the meaning of transport regulations.

14.5 Environmental hazards

Not classified as dangerous in the meaning of transport regulations.

14.6 Special precautions for user

Not classified as dangerous in the meaning of transport regulations.

14.7 Transport in bulk according to Annex II of Marpol and the IBC Code

This substance / mixture is not intended to be transported in bulk.

Section 15: Regulatory Information

15.1 Safety, health, and environmental regulations / legislation specific for the substance or mixture

REACH – Candidate list of Substances of Very High Concern for Authorisation. Not applicable.

15.2 EU authorisation and / or restrictions on use

Not applicable.

15.3 National regulations

Not applicable.

15.4 Chemical safety assessment

No Chemical Safety Assessment has been carried out.

SAFETY DATA SHEET



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Section 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.

Disclaimer

This 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 a process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated.

However, no warranty guarantee or representation is made to its accuracy, reliability, or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

End of Safety Data Sheet