

SAFETY DATA SHEET

Polypipe BP
Supersedes date: 27.09.2022

Revision Date: 17.05.2024
Revision: 4

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

1.1 Product identifier

Product Name: Polypipe Building Products MDPE Range (including Polyguard)
Product No: If applicable

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

Identified uses: 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

The product is a polyethylene polymer.

Contains no substance classified as hazardous in concentrations, which should be taken into account according to EU regulations.

3.2 Additional information

N/A

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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: Skin irritation, eye irritations.

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 (MDPE Pipe, Water Fittings).

Dry Powder Only for Polyguard Range (Aluminium Coating)

5.2 Special hazards arising from the substance or mixture

Hazardous combustion products Principal toxicant in the smoke is carbon monoxide

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

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

Recovery if not contaminated or disposal.

6.4 Reference to other sections

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Refer to measures in sections 7 & 8.

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.

Store away from sources of heat and in a dry location.

7.3 Specific end user(s)

N/A

Section 8: Exposure Controls / Personal Protection

8.1 Control parameters

Exposure Limits: Not established.

Biological occupational exposure limits: Not established.

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:	Pellets
Appearance:	As specified
Colour:	As specified
Odour:	Odourless
Flash Point:	>300 °C
Ignition Temperature:	>320 °C
Melting point / freezing point:	110 – 140 °C
Density:	0.9 – 1.0 g/cm ³
Solubility:	Insoluble in water

9.2 Other information

N/A

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Section 10: Stability and Reactivity

10.1 Reactivity

The product is a stable thermoplastic, with no chemical reactivity.

10.2 Chemical stability

N/A

10.3 Possibility of hazardous reaction

N/A

10.4 Conditions to avoid

N/A

10.5 Incompatible materials

N/A

10.6 Hazardous decomposition products

N/A

Section 11: Toxicological Information

11.1 Information of toxicological effects

Not classified as hazardous to human health

Section 12: Ecological Information

The product is not considered hazardous for the environment. Not readily biodegradable. Does not accumulate in organisms. Avoid release to the environment.

Section 13: Disposal Considerations

13.1 Waste treatment methods

Reuse or recycle if not contaminated.

The product may be safely used as fuel.

Proper combustion does not require any special flue gas control.

Check with local regulations.

13.2 Additional information

Not applicable

Section 14: Transport Information

The product is not regulated by ADR/RID, IMDG or IATA.

Section 15: Regulatory Information

None known to apply.

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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