

HDPE Fittings and Pipes

Issue 14.01.19

1. Identification of the Substance/Preparation and the Company Undertaking

Product Name	Terrain High Density Polyethylene Fittings and Pipes
Supplier	Polypipe Building Services College Road New Hythe Business Park Aylesford Kent ME20 7PJ Tel: 01622 795200
Emergency Telephone	Tel. 01622 795200
Application	Varied – see Technical Literature

2. Hazard Identification**Hazard Description**

Non-Hazardous under normal conditions and use

Information concerning particular hazards to man and environment

Non-Hazardous under normal conditions and use

3. Composition/Information on Ingredients

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

4. First Aid Measures**After Inhalation**

Not Applicable in normal use

If thermal decomposition occurs and vapours have been inhaled, remove patient from exposure and seek medical advice

After Skin Contact

Wash with soap and water

After Eye Contact

Rinse opened eye well to remove any particles. If symptoms persist, consult a doctor

After Swallowing

Not Applicable in normal use

If ingestion of swarf/dust occurs, rinse mouth out with water and seek medical attention if feeling unwell – Do not induce vomiting

5. Fire Fighting Measures**Suitable Extinguishing Agents**Water spray, Powder, Foam, or CO₂**Protective Equipment**

With large fires self-contained breathing apparatus must be worn

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5. Fire Fighting Measures (continued)**Additional Information**

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

6. Accidental Release Measures**Personnel related Safety Precautions**

Not applicable

Measures for Environmental Protection

Not applicable

Measures for Cleaning/Collecting

Material should be collected in clean containers and recycled where possible

7. Handling and Storage**Handling**

Use in accordance with Site Work Instructions
Gloves should be worn if sharp edges present a risk of cut

Storage

Store in accordance with Site Work Instructions
Store away from sources of ignition

8. Exposure Control/Personal Protection**Exposure Limits**

Not Applicable – substance is classified as non-hazardous

Personal Protective Equipment**General protective and hygienic measures**

Wash hands before breaks and at the end of work
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

Eye Protection

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

Body Protection

Not Applicable

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9. Physical and Chemical Properties**General Information**

Form	Solid – Fittings and Pipes
Colour	Black
Odour	Odourless
Ignition temperature	>300°C
Thermal Decomposition	>300°C
Melting Point/Range	110 - 140°C
Danger of Explosion	Product is not explosive
Density	0.9 - 1.0 g/m ³ at 20°C
Solubility in water	Insoluble

10. Stability and Reactivity**Stability**

HDPE is stable if used according to specification and standard practice

Dangerous Reactions

No dangerous reactions known

Dangerous Decomposition Products

Fire or high temperatures create carbon monoxide and carbon dioxide fumes

11. Toxicological Information**Acute Toxicity**

Not Applicable

Primary Irritant Effect**On the Skin**

No irritant effect

On the Eye

No irritating effect

Sensitisation

No sensitising effect known

12. Ecological Information**General Notes**

There are no known adverse effects to the environment, animals or plant life

13. Disposal Considerations**Product Recommendation**

Recycle where possible
Disposal according to local and national regulations

Packaging Recommendation

Recycle where possible.
Disposal according to local and national regulations

14. Transport Information

Not classified as hazardous for transport

15. Regulatory Information

Not classified as hazardous for supply in the meaning of EU Directives

16. Other Information

These products should only be used for their stated applications

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship

Since the users working conditions are not known by us, the information supplied on this safety sheet is based on our current level of knowledge and on National and community regulations

The product must not be used for any purpose other than that specified (Technical Literature) without first obtaining written handling instructions

It is at all times the responsibility of the user to take all necessary measures to comply with legal requirements and local regulations

The information given on this safety data sheet must be regarded as a description of the safety requirements relating to our product and not a guarantee of its properties