



01 Identification of the Substance/Preparation and Company



Substance: Plastic Products and Materials

Manufacturer: Hepworth Building Products
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02 Composition / Information on Ingredients

Hazardous Ingredients: None as finished goods and products.

Types of Materials: Polypropylene (PP)
Polyethylene (MDPE) (HDPE)
Polyvinyl chloride (PVC)
Polybutene-I (PB)
Polyvinylidene flouride (PVDF)
Acrylonitrile butadiene styrene (ABS)
Nylon
Acetal

Some products within the range of pipe couplings may also contain rubber seals. This list is not exhaustive.

03 Hazards Identification

Nature of Hazard: There are no health risks from the products during normal use.

The products may contain various pigment colours and stabilisers that may be toxic. These chemicals are, however, bound within the product material and not easily extracted.

04 First-Aid Measures

Eye Contact: Plastic materials may cause physical irritation in the eyes. Wash out with large amounts of water. If irritation results or persists, seek medical advice.

Skin Contact: Not applicable.

Inhalation: Not applicable.

Ingestion: Not expected to have any toxic effects.

05 Fire-Fighting Measures

Extinguishing Media: On small fires use any hand-held extinguisher type. On large fires use water.

Fire and Explosion Hazards: Melting plastics may flow and spread in a large fire. Products of fire will be thick black toxic smoke.

Material Characteristics: PVC products will burn in the presence of a flame but are classed as self-extinguishing. All other plastics will burn with a slow spread of flame.

Protective Equipment: Wear self-contained breathing apparatus and protective clothing.



06 Accidental Release Measures

Not applicable.

07 HANDLING AND STORAGE

Handling:

There are no hazards associated with the finished goods.

Where plastic goods have to be machined, cut, sanded, etc, dusts may be created. Avoid inhaling these dusts.

Take care of heat build-up within materials during machining, cutting, sanding, etc.

Storage:

These materials should be stored in dry covered areas away from sources of heat and direct sunlight. Tube and pipe should be stored on racks to prevent collapse of stocks.

08 Exposure Controls/Personal Protection

Respiratory Protection:

Not required under normal circumstances of use. Where machining, etc, creates dusts, wear a disposable half-mask to the standard FFP2S.

Hand Protection:

Wear impervious strong gloves to prevent burns and cuts to the hands while cutting, machining, etc.

Eye Protection:

Wear safety glasses when machining, cutting, etc.

Skin Protection:

Wear overalls.

09 Physical and Chemical Properties

Not applicable.

10 Stability and Reactivity

Decomposition Products:

Major thermal decomposition products are oxides of carbon. Relevant additional differences are:- Polypropylenes/Polyethylenes may produce amounts of Formaldehyde and Acrolein.

Nylon may produce amounts of Hydrogen cyanide. PVC may produce amounts of Hydrogen chloride. PVDF may produce amounts of Hydrogen fluoride. ABS may produce amounts of Hydrogen cyanide and ammonia.

Stability:

These materials are stable at temperatures up to normal operating limits. (moulding parameters)

11 Toxicological Information

Not applicable.

12 Ecological Information

Biodegradability:

Plastic products are not readily biodegradable but are not detrimental to terrestrial wildlife.

Aquatic Toxicity:

Non-toxic to marine life.

13 Disposal Considerations

Method:

The preferred method is collection and re-cycling. Plastics can safely be placed with regular industrial or household wastes where re-cycling is not available.



14 Transport Information

Not applicable.

15 Regulatory Information

Not applicable.

16 Other Information

This Material Safety Data Sheet (MSDS) has been compiled by Hepworth Building Products, using the original Manufacturer's information where Hepworth are not the original manufacturer. In such cases the original manufacturer's details (name and address) are shown. This information is provided without any representation to its accuracy and does not constitute a guarantee of the product or its properties.

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