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1: IDENTIFICATION OF THE SUBSTANCE / MIXTURE

1.1 Product Identity

Product Name: Damcor – DC 165, 225
Thermocor – TC 50 - 150

1.2 Relevant Identified Uses:

Recommended use: Insulation

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

Polyethylene DPC Backing / wrap

There are no known hazards associated with the solid product when used in accordance with the manufacturers instruction.

Polystyrene insulation

There are no know hazards associated with the solid product when used in accordance with the manufacturers instruction.

1. If cutting using a Band saw or similar, where large generation of dust may occur, ensure suitable extraction is provided. Exposure must not exceed 10 mg/m³ 8 hours TWA (Occupational Exposure Limit for total inhalable dust)

3: COMPOSITION / INFORMATION ON INGREDIENTS

3.1 Substances

Polyethylene DPC Backing / Wrap
Polystyrene Insulation

Chemical Name – within Polystyrene	EC No	CAS No.	Weight %	Classification according to Regulation (EC) No. 1272/2008 [CLP]	REACH Registration Number
Pentane	203-692-4 201-142-8	109-66-0 78-78-4	< 1		H220

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4: FIRST AID MEASURES

4.1. Description of first aid measures

General Advice: Not applicable when used in accordance with the manufacturer's instructions.

Inhalation:	Polyethylene – If subjected to high temperatures e.g. fire remove into fresh and seek medical advice
	Polystyrene - Only applicable if using band saw or similar. Remove to fresh air, clear respiratory tract, seek medical advice.
Skin Contact:	Polyethylene – Not applicable under normal conditions. If subjected to high temperature and contact is made with molten plastic, immediately cool the affected area and irrigate thoroughly with clean cold water. Do not remove molten product from skin. Seek medical attention.
	Polystyrene - No specific measures.
Eye contact:	Polyethylene – Not applicable under normal conditions. If subjected to high temperature and contact is made with molten plastic, immediately cool the affected area and irrigate thoroughly with clean cold water. Do not remove molten product from skin. Seek medical attention.
	Polystyrene - If particles contact the eyes during cutting, irrigate thoroughly with clean water to remove particles from the eye (s) Seek medical advice if symptoms persist.
Ingestion:	Polyethylene – Not applicable under normal conditions. Ingestion unlikely.
	Polystyrene - Inhalation of smoke or fumes if subjected to high temperatures e.g. fire. - Remove from exposure into fresh air. Keep warm and at rest. Seek medical attention.

5: FIRE FIGHTING MEASURES

5.1. Extinguishing media

Suitable Extinguishing Media	Foam, Dry Powder, Sand or Earth
Unsuitable Extinguishing Media	Do NOT use water

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products may include – Carbon Monoxide & Carbon Dioxide, Smoke

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

Personal Precautions	No specific measures
For emergency responders	

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Methods for Containment:	No specific measures
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6.4. Reference to other sections

Reference to other sections:

Dispose of in accordance with section 13

Physical State:	Insulation foam
Appearance:	Moulded sheet
Density:	Ranges from 10 kg/m ³ to 60 kg/m ³
Water solubility:	Insoluble
Solubility on in other solvents:	Soluble in aromatic, halogenated ad ketones
Softening point:	95 – 100 °C

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10: STABILITY AND REACTIVITY

10.1. Reactivity

Stable under normal handling and storage conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

Stable under normal handling and storage conditions

10.4. Conditions to avoid

Polyethylene DPC Backing / wrap

Strong oxidising agents. Solvents or solvented products. Heat, flames or sparks

Polystyrene insulation

Heat, flames and sparks. Strong sunlight for prolonged periods

10.5 Incompatible materials

Stable under normal handling and storage conditions

10.6. Hazardous decomposition products

Polyethylene DPC Backing / wrap

Smoke, Carbon Monoxide & Carbon Monoxide

Polystyrene insulation

Styrene Monomer and Carbon Monoxide when burnt

11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Polyethylene DPC Backing / wrap

No known hazard

Polystyrene insulation

Polystyrene is non-toxic in normal use

12: ECOLOGICAL INFORMATION

Polyethylene DPC Backing / wrap

General information:

The product is not biologically decomposable. It degrades under prolonged ultraviolet exposure. It floats on water and is insoluble in water. No bioaccumulation known. The product is non-toxic.

Polystyrene insulation

All products are not biodegradable and non-toxic. All products have zero Ozone Depleting Potential (ODP) and virtually zero Global Warming Potential (GWP). Products may contain some residual Pentane that has a very low Global Warming Potential of <0.00044.

13: DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Polyethylene DPC Backing / wrap

The product is classified as equivalent to municipal waste. It can be reused or recycled. Dispose of waste material in accordance with national and local regulations

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Polystyrene insulation

Recover or recycle if possible. Scrap expanded polystyrene is not classified as "Notifiable Waste" and may be disposed of in suitable land-fill tips or by incineration under approved conditions. Advice on the preferred method should be obtained at all times.

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. 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.