

Safety Data Sheet

With reference to (EC) 1907/2006

Status: 11.06.2010

ArmaFORM[®] PET GR

1. IDENTIFICATION OF THE SUBSTANCE / PREPARATION AND OF THE COMPANY

Product name ArmaFORM[®] PET GR

Use of the product Foam core for technical and structural insulation
Structural foam core for composite applications

Manufacturer /Distributor

Armacell Benelux S.A.
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www.armacell-core-foams.com

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Emergency Information

Beratungsstelle für Vergiftungserscheinungen und
Embryonaltoxikologie (Giftnotruf Berlin)
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www.giftnotruf.de

2. HAZARDS IDENTIFICATION

Hazard Designation This product does not require labeling.
Please observe the safety information of this safety data sheet.

Additional Information Product may contain residues of gaseous foaming agent.
Dust is produced during dry-state pulverization.
The relevant minimum standards for protective measures in chemical industry should be observed.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Description Polyethylene Terephthalate Foam

4. FIRST-AID MEASURES

In case of inhalation In case of inhalation of dust, provide fresh air.

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In case of skin contact Unnecessary
Not expected to be acutely toxic. In case of contact to molten material, cool skin with cold water. Do not pull solidified product from the skin. Seek a medical treatment.

In case of eye contact Not expected to be acutely toxic or/and a skin irritant. In case of irritation, wash thoroughly with water.

In case of ingestion Seek medical advice if symptoms occur and persist.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media Unrestricted.

Special exposure hazards arising from the preparation

Fire gases do not breathe. Emits toxic fumes under fire conditions like carbon dioxide and carbon monoxide. In the case of fire wear self-contained breathing apparatus.

Special exposure hazards arising from the substance itself, its combustion products or its vapour:

Hazardous gases are emitted such as toxic smoke/fumes including oxides of carbon and others under fire conditions. Do not breathe the combustion gases. In case of fire, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURE

Personal precautions Unnecessary

Environmental precautions Unnecessary

Methods for cleaning up / taking up

Take up mechanically.

7. Handhabung und Lagerung

Hints for safe handling It is essential to design all working procedures principally to avoid inhalation of dust and eye contact.

Hints for protection against fire and explosion

None
Do not smoke in areas where polymer dust is present. Take precautions against accumulation of electrostatic charges.

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Hints for separation of incompatible products

None

Further information on storage conditions

None

Store in cool, well-ventilated place between 0 and 40°C. Storage of the foam out of this temperature range may cause a dimensional change. Protect from fire or direct sunshine.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

General health measures	Unnecessary
Respiratory protection	Unnecessary
Hand protection	Unnecessary
Eye protection	Unnecessary

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance	solid
Colour	white
Odour	none
Melting point	250 °C
Boiling point	not applicable
Flash point	> 300 °C
Lower explosion limit	not applicable
Upper explosion limit	not applicable
Density at 20 °C	50 - 300 kg / m ³
Water solubility (20 °C)	insoluble

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10. STABILITY AND REACTIVITY

Conditions to avoid

Avoid the influence of naked flames, a temperature exceeding the thermal stability of PET.

Hazardous reaction

No dangerous reactions known when stored and handled under normal conditions. The product reacts with strong oxidation agents, strong acids or strong bases.

Hazardous decomposition products

No decomposition if used as prescribed.

11. TOXICOLOGICAL INFORMATION

Experience made in practice When used and handled according to specification, the product does not have any harmful effect according to our experience and knowledge.

12. ECOLOGICAL INFORMATION

Additional ecological information

The product is classified non-hazardous to waters.
This product is considered non-biodegradable.

13. DISPOSAL CONSIDERATIONS

Disposal product

Dispose waste according to applicable local, state and federal regulations.
Since this product is not considered as a hazardous waste or material, it can be recycled or disposed as an industrial waste in a manner acceptable to good waste management practice and by an approved waste disposal contractor as well as in compliance with applicable local, state and federal regulations such as Directive 91/156/EEC, 91/68/EEC, 94/62/EEC and subsequent amendments.

List of proposed waste codes in accordance with EWC

European Waste Catalogue:
12 01 05 (plastics shavings and turnings)
Please note: The classification of waste for this product may change according to the field of application. Please observe Decision 2001/118/EC.

Disposal packages

Normal disposal path for cardboard packaging.

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14. TRANSPORT INFORMATION

No hazardous material as defined by the transport regulations (ADR/RID, IMDGCode, ICAO-TI/IATA-DGR).

Conditions

Transport in cool, well-ventilated condition between 0 and 40°C. trabsport out of this temperature may cause a dimensional change. Protect from fire or direct sunshine.

15. REGULATORY INFORMATION

This product does not require labeling in terms of preparation directive 1999/45/EC.

All ingredients of this product comply with the applicable requirements of the current REACH Regulation.

16. OTHER INFORMATION

The data in this safety data sheet correspond to our current level of knowledge and are sufficient for national and EU laws. However, we have no knowledge of or control over the working conditions. The data in this safety data sheet describe the safety requirements of our product and may not be considered to guarantying any product properties.

It is responsibility of the user of this product to ensure that the product i8s suitable for his intended application/purpose and methods of application. We do not accept any responsibility for harms caused by use of this information. In all cases, our general conditions of sales are effective.