

SAFETY DATA SHEET

Thermostable KERMEL fibre.

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Date: 28/11/2000

Version: 2.01

Cancels and replaces version: 1.00

1 Product and company identification.

PRODUCT NAME : Thermostable KERMEL fibre.
SUPPLIER : Seller:
Name : KERMEL
Address : 20, Rue Ampère F-68027 COLMAR
Telephone number : +33 3 89 20 47 30.
Telefax number : +33 3 89 20 47 40.
ORFILA : 01 45 42 59 59 - Rhodia : 03 89 20 47 30

2 Composition / information on ingredients

>> PREPARATION

Chemical nature : Product based on aromatic polyamide-imide.
>>Further information : Semi-processed polymer.
Usually contains finishing oil and sizing.

3 Hazards identification

MOST IMPORTANT HAZARDS

Adverse human health effects : No specific risk when handled in accordance with good occupational hygiene and safety practice.
Physical and chemical hazards
- Further hazards : No specific hazard under normal conditions of use.
Classification/Specific hazards : According to EEC criteria, this product is not classified as a "hazardous substance".

4 First-aid measures

Inhalation : Not specifically applicable.
Skin contact : Not specifically applicable.
Eye contact : Not specifically applicable.
Ingestion : Not specifically applicable.

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5 Fire - fighting measures

Extinguishing media

- Suitable : All extinguishing agents can be used (water, foam, powders, carbon dioxide, sand ...).
 - Not suitable : None. If there is a fire close by, use suitable extinguishing agents.
- Specific hazards : NOT classified as flammable according to EEC criteria, but may present a risk in the event of a fire.
During combustion:
Harmful or toxic vapours are released.
- Protection of fire-fighters : Self-contained breathing apparatus.
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6 Accidental release measures

Personal precautions

- : Mark out the contaminated area with signs and prevent access to unauthorized personnel.

Environmental precautions

- : This product does not present any particular risk for the environment.

Methods for cleaning up

- Recovery : Sweep up or vacuum up the product.
 - Cleaning/Decontamination : NOT specifically applicable.
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7 Handling and storage

HANDLING

- Technical measures : Does not require any specific or particular measures.
- Safe handling advice : Avoid the build-up of dust.
Avoid deposits of textile oil.

STORAGE

- Technical measures : Does not require any specific or particular technical measures.
 - Storage conditions
 - Recommended : Store:
 - protected from bad weather conditions.
 - Incompatible products : None, to our knowledge.
 - Packaging : The product is packaged in suitable recyclable packaging.
 - Packaging materials
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- Recommended : Plastic materials.
Cardboard.

8 Exposure controls / personal protection

Engineering measures : No specific measures are required provided the product is handled in accordance with the general rules of occupational hygiene and safety.
Control the spread of fibres in the atmosphere.

Personal protective equipment

- Skin and body protection

: No specific/particular action required for this product. Comply with good occupational hygiene practice.

9 Physical and chemical properties

APPEARANCE

- Physical state : Solid.
- Form : Yarns, fibres, tow, fleece.
- Colour : Straw-yellow when raw or bulk dyed.
Odour : none.
pH : Not applicable
Specific temperatures
- Melting : Product does not melt.
Decomposition temperature : Slow carbonization from 400°C.
A partial evaporation of textile oil may take place from 130°C.
Flammability characteristics
- Flash point : Not applicable.
Oxidizing properties : Non oxidizing material according to EEC criteria.
Solubility
- in water : Practically insoluble.
- in organic solvents : Insoluble in common organic solvents.

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10 Stability and reactivity.

- Stability : Stable under normal conditions of use.
- Hazardous reactions
- Conditions to avoid : No dangerous reactions known under normal conditions of use.
 - Hazardous decomposition products : On combustion or on thermal decomposition (pyrolysis) releases: toxic gases.
(Carbon oxides (CO + CO₂)).
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11 Toxicological information

- Local effects
- : Not specifically applicable to the product (as is).
No particular risk when handled in accordance with good occupational hygiene practice.
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12 Ecological information

- Behaviour in the environment
- Persistence/Degradability : Very slightly biodegradable.
- Further information on persistence : Product generally persists in the soil.
- Destination of the product : Ultimate destination of the product : SOIL.
-

13 Disposal considerations

WASTE FROM RESIDUES

- Destruction/Disposal : Recycle the product as much as possible.
Non recycled product:
Dispose of in accordance with relevant local regulations.
May be disposed of with non hazardous industrial waste.
Incinerate at a licensed installation.
Like many other lubricants and adhesives, textile oils generally dissolve in aqueous media.

CONTAMINATED PACKAGING

- Decontamination/cleaning : Not applicable.
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Destruction/Disposal : Depending on local facilities recycle the cardboard packaging, or incinerate it at an approved site.

NOTE : The user's attention is drawn to the possible existence of local regulations regarding disposal.

14 Transport information

INTERNATIONAL REGULATIONS

Land

- Rail/road (RID/ADR) : NOT restricted.

Sea (IMO/IMDG) : NOT restricted.

Air (ICAO-IATA) : NOT restricted.

OTHER REGULATIONS

- France: Rail/road (RID/ADR) : NOT restricted.

NOTE : The above regulatory prescriptions are those valid on the date of publication of this sheet.

15 Regulatory information

LABELLING

EEC regulations : Mandatory labelling (prescribed) of hazardous substances: Not applicable.

NOTE : The regulatory information given above only indicates the principal regulations specifically applicable to the product described in the Safety Data Sheet. The user's attention is drawn to the possible existence of additional provisions which complete these regulations. Refer to all applicable national, international and local regulations or provisions.

16 Other information

Uses

- Recommended uses : Textile industry.
Filtration.
(For further information, refer to the product technical data sheet).

Further product information

KERMEL it is a registered mark.

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- European inventory (EINECS,
ELINCS)

These polymers are not concerned by the EINECS inventory.
The corresponding monomers are registered in the EINECS
inventory.

This safety data sheet should be used in conjunction with technical sheets. It does not replace them. The information given is based on our knowledge of this product, at the time of publication. It is given in good faith. The attention of the user is drawn to the possible risks incurred by using the product for any other purpose other than that for which it was intended. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. The aim of the mandatory regulations mentioned is to help the user to fulfil his obligations regarding the use of hazardous products. This information is not exhaustive. This does not exonerate the user from ensuring that legal obligations, other than those mentioned, relating to the use and storage of the product, do not exist. This is solely his responsibility.