

Trade name: ELAPRO Vlies 120

1 Identification of the substance/ preparation and of the company/undertaking

1.1 Product details

Needle punched nonwoven

1.2 Trade Name

ELAPRO Vlies 120

1.3 Application of the substance

Application for industry and environment as half-finished product.

1.4 Manufacturer/ Supplier

Identification: ELAPRO GmbH & Co. KG

Street: Zu dem Balken 25

Zip/ City: 38448 Wolfsburg

Cal Number: +49 5361 890 875 9

Fax.: +49 5361 890 875 1

1.5 Further information obtainable from

Department Research & Development

Cal Number: +49 3493 762 70

Fax: +49 3493 762 67

Email: ms@elapro.de

1.6 Information in case of emergency

Cal Number: +49 177 618 181 8

2 Hazards identification

2. Hazard description

Not applicable

2. Information concerning particular hazards for human and environment

No hazardous product under normal conditions.

Accidental thermal decomposition or melting state can present hazards.

3 Composition/ information on ingredients

3.1 Chemical characterization

carded, needle punched nonwoven

3.2 Hazardous Ingredients

Description	CAS- Nr.:	Concentration	Classification
Polyethylenterephthalat (PET)	25038-59-9	< 100 %	-
Associated material/ additive	-	< 1 %	-

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4 First-aid measures

- 4.1 General information**
No special measures required.
- 4.2 After inhalation**
No special measures required.
- 4.3 After skin contact**
No special measures required. Generally the product does not irritate the skin.
- After eye contact**
No special measures required.
- 4.5 After swallowing**
No special measures required.

5 Fire-fighting measures

- 5.1 Suitable extinguishing agents**
CO², powder or water spray. Fight larger fires with water spray.
- 5.2 For reasons of safety unsuitable Extinguishing Media**
Non known.
- 5.3 Special hazard by the formulation, his combustion products or exposure to hazardous gas emissions**
Carbon dioxide (CO₂) und Carbon monoxide (CO).
- 5.4 Special protective equipment**
No special measures required.

6 Accidental release measures

- 6.1 Suitable extinguishing agents**
Not applicable.
- 6.2 Environmental precautions**
Do not allow to enter sewers/ surface or ground water.
- 6.3 Measures for cleaning/ collecting**
Pick up mechanically.
- 6.4 Additional information**
No dangerous substances are released.

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7 Handling and storage

7.1 Handling

7.1.1 Information for safe handling

When using do not eat, drink or smoke. Provide suction extractors if dust is formed.

7.1.2 Information about fire- and explosion protection

No special measures required.

7.2 Storage

7.2.1 Requirements to be met by storerooms and receptacles

Keep container tightly sealed.

7.2.2 Further information about storage conditions

None.

8 Exposure controls/personal protection

8.1 Additional information about design of technical facilities

No further data; see item 7.

8.2 General protective and hygienic measures

No special measures required. The usual precautionary measures are to be adhered when handling chemicals and fibers.

9 Physical and chemical properties

Aggregate state:	solid (semi- finished)
Colour:	white/ black
Odour:	odourless
Boiling point/ Boiling range:	not applicable
Melting point/ Melting range:	~ 260 °C
Decomposition Temperature:	> 300 °C
Extraneous ignition:	~ 390 °C
Self- ignition:	~ 510 °C
Danger of explosion:	not applicable
Density (20 °C):	1,38-1,44 g/ cm ³
Water- solubility:	not applicable
pH:	not applicable

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10 Stability and reactivity

10.1 Thermal decomposition/ conditions to be avoided

No decomposition if used according to specifications About 300 °C be released: toxic and flammable gases, carbon monoxide. The generation of cleavage and oxidation products is subject to fire conditions. Non burned residues and contaminated water after fire fighting should be disposed of in compliance with official regulation.

10.2 Substances to Avoid

Strong concentrate Acids, strong oxidizing media.

10.3 Hazardous decomposition products

With carbonization and incomplete combustion toxic gases develop, predominately carbon dioxide and carbon monoxide. In addition aldehyde, organic acids and alcohols can be generated.

11 Toxicological information

11.1 Acute Toxicity

not applicable.

11.2 Sensitization

No sensitizing effects known.

11.3 Additional toxicological information

No toxic reaction known under normal conditions. Under decomposition; toxic fumes and contaminated water.

12 Ecological information

Ecological research to be nonexistent. Because of insolubility in water separation by filtration or sedimentation is possible. Possible water pollution, if components are washed out.
For transportation, storage, normal use, no toxicological effect known.

13 Disposal considerations

13.1 General notes

As non hazardous solid waste, nonwovens can be disposed of, depending on local legislation, through recycling, composting, incineration, landfill.

13.2 European Waste Catalogue (EWC)

The refuse code number for the unpolluted product is: 04 02 07

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14 Transport information

Non specific request. Not classified as dangerous in the meaning of transport regulation.

15 Regulatory information

15.1 Labelling according to EU guidelines

The substance is not subject to classification according to EU lists.

15.2 National regulations

*GefStoffV (15.11.99)
No warning necessary*

*WHG (12.11.96)
Not harmful to water in accordance with WwVWS.(17.05.99).*

16 Other information

This data sheet is valid for Paramoll N 591.

*This information is based on our present knowledge and offers no assurance of properties.
It is at the user`s responsibility to ensure that existing regulations are followed.*