

Material Safety Data Sheet

Acc. To ISO/DIS 11014

S E F A R

Printing date 05/24/2005

Reviewed on 05/24/2005


1 Identification of substance:

- **Product details:**
- **Trade name: SEFAR LFM white**
Application of the substance / the preparation: Mesh for technical use
- **Manufacturer/Supplier:**
Sefar AG
Printing Division
CH-9425 Thal SG
Switzerland
Tel: +41 71 8863232
Fax: +41 71 8863591
E-mail: printing@sefar.com
Internet: www.sefar.ch
- **Information department:** Product management
- **Emergency information:**
Swiss Toxicological and Information Centre
CH 8030 Zürich, Freiestrasse 16
Tel: +41 44 251 51 51

2 Composition/Data on components

- **Chemical characterization:**
- **Description:** Polyester mesh

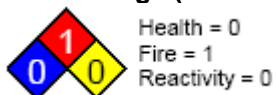
- **Ingredients:**

Polyethyleneterephthalate	CAS-Nr. 25038-59-9	
Antistatic and hydrophilic finishing	 Xn; R 22-38-41	< 2,5%

- **Additional information:**
For the wording of the listed risk phrases refer to section 16.

3 Hazards identification

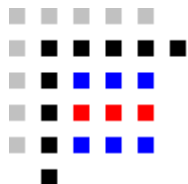
- **Hazard description:** not applicable
- **Information pertaining to particular dangers for man and environment**
No hazards to be especially mentioned. Please note the information of this Material Safety Data Sheet.
- **Classification system**
The classification is based on the latest editions of the EU lists, extended by company and literature data.
- **NFPA ratings (scale 0-4)**



Health = 0
Fire = 1
Reactivity = 0

4 First aid measures

- **General information** No special measures required.
- **After inhalation** No special measures required.
- **After skin contact** No special measures required.
- Skin contact with molten material can cause severe burns. Cool rapidly with cold water. Do not attempt to peel material from skin. Consult a physician.
- **After eye contact**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a physician.
- **After swallowing** If symptoms persist consult a physician. (Cont. on page 2)



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5 Fire fighting measures

- **Suitable extinguishing agent:** Use fire fighting measures that suit the environment.
- **For safety reasons unsuitable extinguishing agent:** None known.
- **Special hazards caused by the material, its products of combustion or resulting gases:**
Formation of toxic gases is possible during heating or in case of fire.
Carbon monoxide (CO)
- **Protective equipment:**
Mount protective respiratory device.
Do not inhale explosion gases or combustion gases.

6 Accidental release measures

- **Person-related safety precautions:** None required.
- **Measures for environmental protection:** Do not allow to enter sewers, surface or ground water.
- **Measures for cleaning/collecting:**
Pick up mechanically.
Dispose of the collected material according to regulations.
- **Additional information:** See Section 7 for information on safe handling.

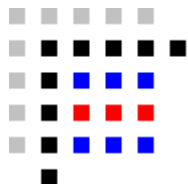
7 Handling and storage

- **Handling**
- **Information for safe handling:** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:**
With appropriate handling and storage no special measures necessary
- **Storage**
- **Requirements to be met by storage rooms and containers:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store in a cool and dry place.

8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.
- **Components with threshold limit values that require monitoring of the work environment:**
The product does not contain any relevant quantities of such materials.
- **Additional information:** Based on the lists that were valid at time of creation.
- **Personal protective equipment**
- **General protective and hygienic measures:**
The usual precautionary measures for handling chemicals should be followed.
Wash hands before breaks and at the end of work.
- **Breathing equipment:** Not necessary if room is well-ventilated.
- **Protection of hands:**
Not required if product used appropriately.

(Cont. on page 3)



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The glove material has to be impermeable and resistant to the product/ the substance/ the preparation. Due to missing tests no recommendation on the glove material can be given for the product/ the preparation/ the chemical mixture.

Selection of the glove material based on penetration times, rates of diffusion and degradation.

- Glove material

The selection of suitable gloves does not only depend on the material, but also on further quality attributes and varies from manufacturer to manufacturer. As the product is made of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to its use.

- Penetration time of glove material

The exact break through time of the protective gloves has to be inquired from the manufacturer and has to be observed.

- Eye protection:

Not required by intended use of the product.
Avoid eye contact.

9 Physical and chemical properties

- General Information

Form:	Mesh made of endless monofilament yarn
Color:	white
Odor:	undistinguishable

- Change in condition

Melting point/Melting range:	250 - 260°C (482 - 500°F)
Boiling point/Boiling range:	undetermined

- Flash point:	350 - 400°C (662 - 752°F)
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- Ignition temperature:	not applicable
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- Decomposition temperature:	350°C (662°F)
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- Auto igniting:	Product is not selfigniting.
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- Danger of explosion:	Product does not present an explosion hazard.
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- Density at 20°C (68°F):	1,38 -1,42 g/cm ³
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- Solubility in / Miscibility with Water:	insoluble
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10 Stability and reactivity

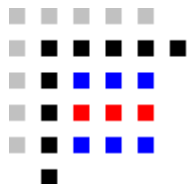
- Thermal decomposition / conditions to be avoided:

No decomposition if used and stored according to specifications.

- Dangerous reactions

No dangerous reactions with intended storage and use.

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- **Dangerous products of decomposition:** none

11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** no data available.
- **on the eye:** no data available.
- **Sensitization:** no sensitizing effects known.
- **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the "General EU Classification Guidelines for Preparations" as issued in the latest valid version.
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

12 Ecological information

- **Generally** this material presents little or no hazard to water.

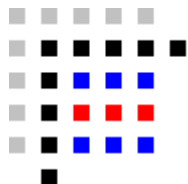
13 Disposal considerations

- **Product:**
- **Recommendation:** Disposal must be made according to official regulations.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- **DOT regulations:**
- **Hazard class:** -
- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No
- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

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15 Regulations

- **SARA Section 355 (extremely hazardous substances)**

None of the ingredients are listed.

- **SARA Section 313 (specific toxic chemical listings)**

None of the ingredients are listed.

- **TSCA (Toxic Substances Control Act)**

25038-59-9 Polyethyleneterephthalate

- **Prop 65 - Chemicals known to cause cancer**

None of the ingredients are listed.

- **Prop 65 - Chemicals known to cause reproductive toxicity**

None of the ingredients are listed.

- **Carcinogenic categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients are listed.

- **IARC (International Agency for Research on Cancer)**

None of the ingredients are listed.

- **NTP (National Toxicology Program)**

None of the ingredients are listed.

- **TLV (Threshold Limit Value established by ACGIH)**

None of the ingredients are listed.

- **NIOSH-Ca (National Institute for Occupational Safety and Health)**

None of the ingredients are listed.

- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients are listed.

- **Markings according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.

The product is not subject to identification regulations under EU Directives and the "Ordinance on Hazardous Materials" (GefStoffV).

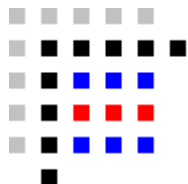
- **Special labeling of certain preparations:**

Safety data sheet available for professional user on request.

- **National regulations**

- **Water hazard class:** This material presents little or no hazard to water.

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16 Other information

Information is based on our current knowledge but does not establish a promise of product characteristics and does not substantiate any contractual legal relationship.

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- Relevant R-phrases

22 Harmful if swallowed.

38 Irritating to skin.

41 Risk of serious damage to eyes.

- Department issuing MSDS:

File: SEFAR_LFM_white_[USA]_01.pdf

Generated/tested: R. Albrecht

Release: Dr. Peter Schulthess

Version: 01

- Contact:

product management

E-mail: printing@sefar.com

Tel: +41 71 8863232

- * Data altered compared to previous version.