



## SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### Company information

Temati B.V.  
P.O. Box 1005  
1940 EA Beverwijk  
The Netherlands  
Phone: +31 - (0)251 - 22 91 72

### Product information

Brand Name : Thermat needlemat  
For further information : Contact our product safety department  
Information in case of emergency : Telephone +31 - (0)251 - 22 91 72

## SECTION 2: COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical characteristics:

E-glass according to DIN 1259 Part 1, Aluminium-Borsilicate-Glass with alkali oxides content  $\leq 1$  weight %

Glass content : > 98.8 weight %  
Sizing content : < 1.2 weight %

Preparation : Made from chaotic oriented needled E-glass fibres.

## SECTION 3: HAZARDS IDENTIFICATION

Glass fibre can lead to temporary irritation on skin, mucous membrane and eyes as well as overreaction due to sizing components.

## SECTION 4: FIRST AID MEASURES

General advice : Gently remove fibre skin, mucous membrane or eyes.  
Mucous membrane : Encourage coughing with mucous producing solutions (i.e. inhalation of water steam).  
Skin contact : Gently remove fibre with water or soap.  
Eye contact : Gently remove coarse fibre, rinse fine fibre with water from nose to eye corner.  
When swallowed : Without importance.  
Indication for physical : No specific medical precaution necessary.

## SECTION 5: FIRE-FIGHTING MEASURES

- Glass fibre felt is not combustible.
- Combustible are packing material such as cardboard, PE folly and wood.
- Recommended extinguisher: water, foam, powder.



## SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precaution	: None.
Environment	: Textile glass products are ecologically harmless.
Disposal measures	: See local decrees. Abfall/ und Reststoffüberwachungsverordnung (waste and disposal decree) of 03.04.1990.
Clearing	: No need for special clearing precautions or rules.

## SECTION 7: HANDLING AND STORAGE

### Handling:

Water safety gear (gloves, glasses, dust mask) in order to minimize the possible risk of contact with skin, mucous membrane and eyes and decrease irritations and allergies.

### Storage:

Requirements to be met by storerooms and receptacles: No special requirements

## SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

### Additional information for the design of the technical plant:

Vacuum-cleaning at the job site for fine fibre dust.

Guaranty of defined climate for processing:

Temperature at approx. 20°C (68°F), humidity between 40 and 70%.

### Components and limits to be at the job site:

None.

### Protective personal equipment:

Not necessary.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### Appearance

- Colour	: Colourless
- Odour	: None

### Physical and safety data

- Change of condition	: 840°C (1545°F)
- Flash point	: Not applicable
- Ignition temperature	: Not applicable
- Spontaneous combustibility	: Not applicable
- Sizing decomposition at	: 400°C (752°F)
- Fire/ stimulating properties	: Not applicable
- Explosion limit	: Not applicable
- Steam pressure	: Not applicable
- Density	: 2,61 g/cm <sup>3</sup>
- Solubility E-glass	: Insoluble
- pH value (at 20°C / 68°F)	: Neutral in aqueous solution



## SECTION 10: STABILITY AND REACTIVITY

Conditions to avoid : None  
 Substances to avoid : None  
 Hazardous decomp. products : None

## SECTION 11: TOXICOLOGICAL INFORMATION

Textile glass products do not contain hazardous or toxic ingredients according to the GetStoffV of 26.08.1986.

Textile glass products are not carcinogenic. They have a nominal filament diameter of 9 µm. The smallest possible filament diameter is 6 µm. According to the TRGS 905 (April 1996) fine fibre dust can be carcinogenic only if all following conditions are fulfilled: Fibre length < 5 µm, diameter < 3 µm, ratio of length to diameter < 3:1.

## SECTION 12: ECOLOGICAL INFORMATION

Textile glass fibre are made from mineral raw material and do not have essential organic substances. They are not biologically decomposable. Textile glass fibre are ecologically harmless.

## SECTION 13: DISPOSAL CONSIDERATIONS

Waste materials identification code:  
 31416 Mineral fibre waste

Textile glass fibres are not materials according to the hazardous material decree.

Rules to notice for disposal:  
 Local waste disposal decrees.  
 "Abf Rest Überw V" (Abfall/ und Reststoffüberwachungs-Verordnung) of 03.04.1990.

## SECTION 14: TRANSPORT INFORMATION

Transportation ADR/RID and GGVS/GGVE (across the borders/domestic).  
 Textile glass fibres are not materials in sense of hazardous material decree (Gefahrstoffverordnung) of 26.08.1986.  
 Therefore there are no special measures necessary for the transportation and labelling by land, sea or air.  
 Transport in closed vehicles in original packaging to protect from humidity.

## SECTION 15: REGULATORY INFORMATION

### Labelling according to EC (EWG)/Regulations

Identification letter and hazardous sign for product : None  
 Hazardous component(s) for labelling purposes : None

### Domestic regulations

Additional classification according to GefStoffV : Not applicable  
 Information for employment restrictions : None  
 Fault ordinance : Not applicable  
 Classification according to BvF : Not applicable  
 Technical instructions air : Not applicable  
 Water pollution classification : Not applicable  
 Further regulations : None