



THERMASIL NEEDED MAT

1 PRODUCT & COMPANY IDENTIFICATION

Supplier Details: Thermal Tech & Temp Inc.
880 North Madison Street
Crown Point, Indiana 46307

Phone: 1.800.674.9284

Email: info@thermaltechtemp.com
sales@thermaltechtemp.com

Website: www.thermaltechtemp.com

2 HAZARDS IDENTIFICATION

Classification of Substance: No classification.

Label Elements: This product is an article and therefore it does not require labeling according to EC directives [REACH/CLP].

Other Hazards

Physico-Chemical Hazards: No particular hazards known.

Environmental Hazards: No particular hazards known.

Other Hazards: None.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Range [%]	Substance	CAS #
80 - < 100	Glass	65997-17-3, EINECS/ELINCS: 266-046-0

Comment on Component Parts: No dangerous components.
Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%

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FIRST AID MEASURES

Description of First Aid Measures

General Information:

Change soaked clothing.

Inhalation:

Ensure supply of fresh air. In the event of symptoms seek medical treatment.

Skin Contact:

When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.

Eye Contact:

Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

Ingestion:

Not applicable.

Most Important Symptoms and Effects, both Acute and Delayed

No information available.

Indication of Any Immediate Medical Attention and Special Treatment Needed

Treat symptomatically. Forward this sheet to the doctor.

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FIRE FIGHTING MEASURES

Extinguishing Media

Suitable Extinguishing Media:

Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered.

Extinguishing Media that Must Not be Used:

None.

Special Hazards Arising from the Substance or Mixture:

Risk of formation of toxic pyrolysis products.

Advice for Firefighters:

Not applicable. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

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ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment, and Emergency Procedures:

Avoid dust formation. Use breathing apparatus if exposed to dust.

Environmental Precautions:

Not applicable

Methods and Material for Containment and Cleaning Up:

Take up mechanically. Dispose of absorbed material in accordance with the regulations.

Reference to Other Sections:

See SECTION 8+13

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HANDLING AND STORAGE

Precautions for Safe Handling:

No special measures necessary if used correctly. Avoid the formation and deposition of dust. Provide vacuuming if dust raised. Dust deposits that cannot be avoided must be taken up regularly. With mechanical processing however fibers can be set free. During mechanical processing vacuuming at processing machines is necessary. No special measures necessary. Wash hands before breaks and after work. Use barrier skin cream. Take off contaminated clothing and wash before reuse.

Conditions for Safe Storage, Including any Incompatibilities: Specific End Use(s):

No special measures necessary. Not applicable. Not applicable.

See product use, SECTION 1.2

Control Parameters

Ingredients with Occupational

Substance: Glass

Exposure Limits to be monitored (GB):

CAS: 65997-17-3, EINECS/ELINCS: 266-046-0

Long-term exposure: TLV-TWA: 1 f/cc (respirable); 5 mg/m³ (inhalable) (ACGHIH)**Exposure Controls**

Additional Advice on

Ensure adequate ventilation on workstation. To pay attention to dust limit value (ACGHI-2011: 10 mg/m³ particle inhalable; 3 mg/m³ particle respirable).

System Design

Safety glasses. (EN 166:2001)

Eye Protection

Hand Protection

The details concerned are recommendations. Please contact the glove supplier for further information. Leather (EN 388).

Skin Protection

Long-sleeved work clothes.

Other

Personal protective equipment should be selected specifically for the workplace, depending on concentration and quantity handled. The resistance of this equipment to chemicals should be ascertained with the respective supplier. Avoid contact with eyes and skin. Do not inhale dust.

Respiratory Protection

Breathing apparatus in the event of high concentrations. Short term: filter apparatus, filter P2. (DIN EN 143)

Thermal Hazards

No information available.

Delimitation and Monitoring of the Environmental Exposition

Not determined.

Information on Basic Physical and Chemical Properties**Form**

Solid in different forms.

Color

Various.

Odor

Odourless.

Odour Threshold

Not applicable.

pH-Value

Not applicable.

pH-Value [1%]

Not applicable.

Boiling Point [°C]

Not applicable.

Flash Point [°C]

Not applicable.

Flammability (Solid, Gas) [°C]

Not applicable.

Lower Explosion Limit

Not applicable.

Upper Explosion Limit

Not applicable.

Oxidising Properties

No.

Vapor Pressure/Gas

Not applicable.

Pressure [kPa]**Density [g/ml]**

Not determined.

Bulk Density [kg/m³]

Not applicable.

Solubility in Water

Insoluble.

Partition Coefficient

Not applicable.

[n-octanol/water]**Viscosity**

Not applicable.

Relative Vapour Density

Not applicable.

Determined in Air**Evaporation Speed**

Not applicable.

Melting Point [°C]

Not determined.

Autoignition Temperature [°C]

Not applicable.

Decomposition Temperature [°C]

Not applicable.

Reactivity:	No hazardous reactions known.
Chemical Stability:	Stable under normal ambient conditions (ambient temperature).
Possibility of Hazardous Reactions:	No hazardous reactions known.
Conditions to Avoid:	No information available.
Incompatible Materials:	No information available.
hazardous Decomposition Products:	No hazardous decomposition products known.

Information on Toxicological Effects

Acute Toxicity:	
Serious Eye Damage/Irritation:	Based on the available information, the classification criteria are not fulfilled.
Skin Corrosion/Irritation:	Based on the available information, the classification criteria are not fulfilled.
Respiratory or Skin Sensitisation:	Based on the available information, the classification criteria are not fulfilled.
Specific Target Organ Toxicity – Single Exposure:	Based on the available information, the classification criteria are not fulfilled.
Specific Target Organ Toxicity – Repeated Exposure:	Based on the available information, the classification criteria are not fulfilled.
Mutagenicity:	Based on the available information, the classification criteria are not fulfilled.
Reproduction Toxicity:	Based on the available information, the classification criteria are not fulfilled.
Carcinogenicity:	Based on the available information, the classification criteria are not fulfilled.
Aspiration Hazard:	Based on the available information, the classification criteria are not fulfilled.
General Remarks:	Contains fibers with diameter > 6 micrometers. The filament is not breathable (WHO). Fiber abrasion can cause mechanical irritation. No classification on the basis of the calculation procedure of the preparation directive.

Toxicity	
Persistence and Degradability	
Behavior in Environment	Not applicable.
Compartments:	
Behavior in Sewage Plant:	Not applicable.
Biological Degradability:	Not applicable.
Bioaccumulative Potential:	No information available.
Mobility in Soil:	No information available.
Results of PBT and vPvB Assessment:	No information available.
Other Adverse Effects:	The product is insoluble in water. Can be separated out mechanically in purification plants.

Waste Treatment Methods:

Waste material must be disposed of in accordance with the Directive on waste 2008/98/EC as well as other national and local regulations. It is not possible to determine a waste code for this product in accordance with the European Waste Catalogue (EWC) since it is only possible to classify it according to how it is used by the customer. The waste code is to be determined within the EU in liaison with the waste-disposal operator.

Product

Waste no. (recommended):

101103, 101112

Contaminated Packaging

Waste no. (recommended):

Uncontaminated packaging may be taken for recycling.

150101, 150102

UN Number

Transport by Land According to ADR/RID:

Not applicable.

Inland Navigation (ADN):

Not applicable.

Marine Transport with IMDG:

Not applicable.

Air Transport in with IATA:

Not applicable.

UN Proper Shipping Name

Transport by Land According to ADR/RID:

NO DANGEROUS GOODS

Inland Navigation (ADN):

NO DANGEROUS GOODS

Marine Transport with IMDG:

NOT CLASSIFIED AS "DANGEROUS GOODS"

Air Transport in with IATA:

NOT CLASSIFIED AS "DANGEROUS GOODS"

Transport Hazard Class(es)

Transport by Land According to ADR/RID:

Not applicable.

Inland Navigation (ADN):

Not applicable.

Marine Transport with IMDG:

Not applicable.

Air Transport in with IATA:

Not applicable.

Packing Group

Transport by Land According to ADR/RID:

Not applicable.

Inland Navigation (ADN):

Not applicable.

Marine Transport with IMDG:

Not applicable.

Air Transport in with IATA:

Not applicable.

Environmental Hazards

Transport by Land According to ADR/RID:

No.

Inland Navigation (ADN):

No.

Marine Transport with IMDG:

No.

Air Transport in with IATA:

No.

Special Precautions for User:

Relevant information under SECTION 6 to 8.

Transport in Bulk According to Annex II of MARPOL and the IBC Code:

Not applicable.

**Safety, Health, and Environmental
Regulations/Legislation Specific
for the Substance or Mixture**

EEC-REGULATIONS

1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (REACH); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC; (EU) 2015/830

TRANSPORT-REGULATIONS

DOT-Classification, ADR (2015); IMDG-Code (2015, 37. Amdt.); IATA-DGR (2015).

NATIONAL REGULATIONS (GB):

EH40/2005 Workplace exposure limits (Second edition, published December 2011). CHIP 3/ CHIP 4

Observe Employment

Not applicable.

Restrictions for People:

VOC (1999/13/CE):

Not applicable.

Chemical Safety Assessment:

Chemical safety assessments for substances in this mixture were not carried out.

Disclaimer:

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