

**SECTION 1 - IDENTIFICATION AND COMPANY DETAILS**

**Product Name:** HEATSTOP Basalt fiber insulation tape  
**Manufacturer Name:** T-ISS BV  
**Address:** Helmkamp 32 -34,  
Dinxperlo Netherlands

**Telephone number:** (31) 315 656060  
**Fax number:** (31) 315 656063

**SECTION 2 - CHEMICAL COMPOSITION**

Component	CAS#	%Composition
SiO <sub>2</sub>	7631-86-9	51.6%-59.3%
Al <sub>2</sub> O <sub>2</sub>	1344-28-1	14.6%-18.3%
CaO	1305-78-8	5.9%-9.4%
MgO	1309-48-4	3.0%-5.3%
Na <sub>2</sub> O+K <sub>2</sub> O	1313-59-3 12136-45-7	3.6%-5.2%
TiO <sub>2</sub>	13463-67-7	0.8%-2.25%
Fe <sub>2</sub> O <sub>3</sub> O+FeO	1309-37-1 1345-25-1	9.0%-14.0%
Others	NA	0.09%-0.13%

**SECTION 3 - HAZARD INFORMATION****POTENTIAL HEALTH EFFECTS**

**EYE :** May cause little irritation to the eye.

**SKIN :** Not expected to be a skin irritant under normal use conditions.  
If it cause uncomfortable or sensitivity contact with skin, then discontinue use.

**INGESTION :** It will not happen generally.

**INHALATION** The diameter of GBF<sup>®</sup> fiber is more than 5 µm. It is continuous. It will not cause inhalation from respiratory tract.

**SECTION 4 - FIRST AID MEASURES**

**EYE :** Flush eyes with running water for at least 15 minutes. Seek medical attention if irritation persists.

**SKIN :** Not expected to be a skin irritant under normal use conditions, Wash with mild soap and running water. Use a washcloth to help remove fibers. You can wear a glove and wash your clothes, if you often contact with the fibers. Seek medical attention if irritation persists.

**INGESTION :** Generally GBF<sup>®</sup> fibers are not easy to cause irritation.

**INHALATION :** It'll not happen generally. If do, please seek medical attention .

## SECTION 5 FIRE-FIGHTING MEASURES

Hazards from combustion products: GBF<sup>®</sup> fiber is noncombustible.

Extinguishing Media: Not necessary.

Protection of fire-fighters: Not necessary

## SECTION 6 - ACCIDENTAL RELEASE MEASURES

General information: According to Section 8.

Release procedures: After clearing up the products, recycle them and repackage. Every recycling and treatment must be according to local, federal, Organization and state regulations

## SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE

Precautionary Statements: No special handling and storing procedures are required for this material.

Other Precautions:

- Wash hands after use the products. Avoid contact with eyes.
- Stored in cool and dry place.
- Remove from fire, chemical corrosives. Avoid insoluble.
- Keep package intact.
- Don't store with other chemical materials

## SECTION 8 - EXPOSURE CONTROLS - PERSONAL PROTECTION

This product no available data for exposure limit.

Monitoring Methods: No information found.

Engineering controls: Handle using good industrial hygiene and safety practices. Keep draughty. Using right equipment to guarantee ventilation. Remove material from skin and eyes after contact. Remove material from clothing using vacuum equipment (never use compressed air) and always wash work clothes separately from other clothing. Keep the work area clean of dusts and fibers made during fabrication by using vacuum equipment to clean.

Personal protective equipment: Not necessary generally.

Respiratory protection: Use with adequate ventilation or local exhaust.

Eyes: Safety glasses, goggles.

Skin: Gloves. Rubber apron if greater exposure is likely. If major exposure is possible, wear suitable protective clothing.

Health: Wash hands after use the products.

**SECTION 9 - PHYSICAL AND CHEMICAL PROPERTIES**

Appearance :	Golden brown fibers
Odor:	Odorless
PH:	Not applicable
Density:	2.63g/cm <sup>3</sup>
Melting point:	Higher than 1450 °C
Boiling point:	Not applicable
Molecular Formula:	Not applicable
Molecular Weight:	Not applicable
Specific Gravity / Density:	Not applicable
Saturated vapor pressure	Not applicable
Octanol / water distribution coefficient:	Not applicable
Flash point (°C):	Not applicable
Ignition Temperature (°C)	Not applicable
Explosion limits, Lower:	Not applicable
Explosion limits, Uppers	Not applicable
Decomposition Temperature:	Not applicable
Solubility:	Insoluble in water
Major use:	Architecture, multiple material, etc.

**SECTION 10 - REACTIVITY DATA**

Chemical Stability: This product is stable under normal conditions of use.  
Conditions to Avoid: Not available  
Incompatibilities with Other Materials: Not available  
Hazardous Decomposition Products: None  
Hazardous Polymerization: Will not occur

**SECTION 11 - TOXICOLOGICAL INFORMATION**

Carcinogenicity: Not available  
Epidemiology: Not available  
Teratogenicity: Not available  
Reproductive Effects: Not available  
Mutagenicity: Not available  
Neurotoxicity: Not available

## SECTION 12 - ECOLOGICAL INFORMATION

Ecological toxicity: Not available  
Ecological degradation: Not available  
Abiology degradation: Not available  
Aquatic Toxicity: Not available

## SECTION 13 - DISPOSAL CONSIDERATIONS

Waste character: This product is not classified as a hazardous material.  
Waste Disposal Method: This material is a non-hazardous waste and must be disposed of in accordance with Local, State and Federal Regulations

## SECTION 14 - TRANSPORT INFORMATION

UN: Not available  
Packaging Sign: Not available  
Packaging Category: Not available  
Shipping notice:  
Road and Rail Transport  
Not classified as Dangerous Goods for transport by Road and Rail  
Marine Transport  
Not classified as Dangerous Goods by criteria of the International Maritime Dangerous Goods Code (IMDG Code) for transport by sea.  
Air Transport  
Not classified as Dangerous Goods by criteria of the International Air Transport Association (IATA) Dangerous Goods Regulations for transport by air.

## SECTION 15 - REGULATORY INFORMATION

Regulatory information: Reference to the local, national and EU / International regulations

## SECTION 16 - OTHER INFORMATION

MSDS Creation Date: June 2012  
MSDS Creation department: Office