

# Material Safety Data Sheet

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**KA-600/1100-W**

Revised: Feb 15, 2011

## **01 Material / preparation and company designation**

### **Product information**

Trade mark: High – Silica Fabric

### **Manufacturer / supplier information**

Distributor: Specialty Gaskets Inc.  
6400 Shawson Drive, Unit 1  
Mississauga, ON L5T 1L8

Phone: 905-564-0807

Fax: 905-564-4812

## **02 Composition / component information**

Chemical characteristics: Silica Glass

Glass content: > 99 wght.% (SiO<sub>2</sub>>94%, AL<sub>2</sub>O<sub>3</sub>>3%)

Preparation: Fabric of continuous glass filaments

## **03 Possible Risks**

Glass fiber can lead to temporary irritation on skin, mucous membrane and eyes.

## **04 First Aid**

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

## **05 Fire – fighting information**

High – Silica fabrics are not combustible.

Combustible are packing material such as cardboard, PE foll and wood.

Recommended extinguisher: water, foam, powder.

## **06 Measures to be taken on the event of involuntary release**

Personal precautions:	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.

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## 07 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: Store dry and in manufacturer bag. Avoid direct sun light.  
Best storage conditions: - temperature between 10-35<sup>0</sup>C (50-95<sup>0</sup>F)  
-humidity between 40% and 70%

## 08 Exposure limitation and personal protective equipment

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

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

Guaranty of defined climate for processing:

Temperature at approx 20<sup>0</sup>C ( 68<sup>0</sup> F), humidity between 40 and 70%

Components and limits to be at the job site: None.

Protective personal equipment: Not necessary.

## 09 Physical and Chemical Properties

### Apperance

-Colour: Colorless.  
-Odour: None.

### Physical and safety datas

- Change of condition: 1250<sup>0</sup>C (2282<sup>0</sup>F)  
- Flash Point: Not applicable  
- Ignition temperature: Not applicable  
- Spontaneous combustibility: Not applicable  
-Fire-stimulating properties: Not applicable  
-Explosion limit: Not applicable  
-Steam pressure: Not applicable  
-Density: 2.61 g/cm<sup>3</sup>  
-Solubility Silica Glass: Insoluble

## 10 Stability and Reactivity

Conditions to avoid: None

Substances to avoid: None

Hazardous decomposition products: None

## 11 Toxicological Data

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

Textile glass products are not carcinogenic. They have a nominal filament diameter of 9 $\mu$ m. The smallest possible filament diameter is 6 $\mu$ m.

According to the TRGS 905 (April 1996) fine fiber dust can be carcinogenic only if all following conditions are fulfilled:

Fiber length >5 $\mu$ m, diameter <3 $\mu$ m, ratio of length to diameter >3:1.

## 12 Ecological Information

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

## 13 Waste Disposal Information

Waste materials identification code: 31416 Mineral fiber waste

Textile glass fiber 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

## 14 Transportation

### Transportation ADR/RID and GGVS/GGVE (across the borders/domestic)

Textile glass fiber 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 labeling by land, sea or air.

Transport in closed vehicles in original packaging to protect from humidity.

## 15 Regulations

### Labeling according to EC(EWG)-Regulations

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

### Domestic Regulations

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

## 16 Further Information

None