

## 1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

<b>Name of product</b>	<b>3551520 Keramikfaser-Platte 20 mm</b>
<b>Manufacturer/distributor</b>	TGK GmbH Helleforthstraße 18 - 20, D-33758 Schloß Holte - Stukenbrock Phone 05207 91280, Fax 05207 912840  E-Mail <a href="mailto:tgk@tgk.de">tgk@tgk.de</a> Internet <a href="http://www.tgk.de">www.tgk.de</a>
<b>Advice</b>	Phone 05207 91280 Fax 05207 912840
<b>Emergency advice</b>	Phone 05207 91280

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## 2. HAZARDS IDENTIFICATION

### Classification

Xi; R38  
Carc. Cat. 2; R49

### R-phrases

49 May cause cancer by inhalation.  
38 Irritating to skin.

### Special hazards information for humans and environment

May cause cancer --- Group II.

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

### Hazardous ingredients

CAS No	EC No	Name	[%]	Classification
142844-00-6		Ceramic Fibre	15 - 90	
n.a.	232-679-6	Inert inorganic substances	0 - 10	
n.a.		Inerte anorganische Substanzen	1 - 80	

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## 4. FIRST AID MEASURES

### General information

Nose and throat: In case of irritation move into a dust free zone, drink water and blow nose.  
In the event of persistent symptoms receive medical treatment.

### In case of inhalation

Ensure of fresh air.

### In case of skin contact

In case of contact with skin wash off immediately with plenty of water.  
Do not rub or scrape these affected areas of skin.

**In case of eye contact**

In case of contact with eyes rinse with plenty of water carefully. In the event of persistent symptoms seek medical treatment.

Keep eye bath readily available. Do not rub the eyes.

**In case of ingestion**

In the event of persistent symptoms seek medical advice.

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**5. FIRE-FIGHTING MEASURES**

**Suitable extinguishing media**

Product does not burn, fire-extinguishing activities according to surrounding.

**Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases**

The binder contained in the delivery condition may be pyrolysed and/or release gases and vapours.

**Additional information**

Packaging and surrounding material may be combustible.

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**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions**

Ensure adequate ventilation.

Keep people away and stay on the upwind side.

Avoid dust formation.

Use personal protective clothing.

Use breathing apparatus if exposed to vapours/dust/aerosol.

See protective measures article 7 and 8.

**Environmental precautions**

Do not discharge into surface waters/groundwater.

Knock down dust with water spray jet.

**Methods for cleaning up**

Avoid dust formation.

Moisten, take up mechanically and send for disposal.

As far as possible use exhaust apparatus.

**Additional Information**

Informations for safe handling see chapter 7.

Informations for personal protective equipment see chapter 8.

Informations for disposal see chapter 13.

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**7. HANDLING AND STORAGE**

**Advice on safe handling**

Avoid the formation of dust.

Allow for sucking off.

Provide suitable extraction at the processing machines.

Suitable industrial vacuum cleaners or central extraction equipment must be used for taking up dust.

**Requirements for storage rooms and vessels**

Keep only in original container.

**Further information on storage conditions**

Store in a dry place.

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Ingredients with occupational exposure limits to be monitored

CAS No	Name	Code	[mg/m3]	[ml/m3]	Spitzenb.	Remark
142844-00-6	Ceramic Fibre	TRGS 900, 8 hours				Deutschland

### Respiratory protection

Breathing apparatus in the event of high concentrations.

### Hand protection

Protective gloves

### Eye protection

safety goggles with side protection

### Skin protection

protective clothing

### General protective measures

Do not inhale dust.

### Hygiene measures

Do not eat or drink when working.

Keep away from food and drink.

Wash hands before breaks and after work.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Form</b> sheet	<b>Colour</b> light brown	<b>Odour</b> no
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### Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
<b>pH value in delivery state</b>	not applicable				
<b>boiling point</b>	not applicable				
<b>melting point</b>	> 1650 °C				
<b>Flash point</b>	not applicable				
<b>Ignition temperature</b>	not applicable				
<b>Autoignition</b>	not applicable				
<b>Vapour pressure</b>	not applicable				
<b>Density</b>	180 - 500 kg/ m3				
<b>Solubility in water</b>					low soluble
<b>Partition coefficient (log p<sub>OW</sub>)</b>	not applicable				

**Explosive properties**  
not applicable

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## 10. STABILITY AND REACTIVITY

**Conditions to avoid**  
no

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## 11. TOXICOLOGICAL INFORMATION

**Toxicity test (Additional information)**  
Indications of possible carcinogenic effects in animal studies are available.

**Experiences made from practice**  
Risk of strong health injuries in case of long-term exposition.  
Frequent persistent contact with the skin may cause skin irritation.

**Additional information**  
The declarations of toxicology refer to main component.

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## 12. ECOLOGICAL INFORMATION

**General regulation**  
If handled and applied appropriately environmental problems are not expected.  
Product is not allowed to be discharged into the ground water or aquatic environment.

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## 13. DISPOSAL CONSIDERATIONS

<b>Waste code No.</b>	<b>Name of waste</b>
17 06 03*	other insulation materials consisting of or containing dangerous substances

Wastes marked with an asterisk are considered to be hazardous waste pursuant to Directive 91/689/EEC on hazardous waste.

**Recommendations for the product**  
Collect waste separated in suitable, labeled and lockable containers.  
Remove in accordance with current disposal regulations.

**Recommendations for packaging**  
Contaminated packaging should be emptied as far as possible and after appropriate cleansing may be taken for reuse.

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## 14. TRANSPORT INFORMATION

**Transport/further information**  
No hazardous material as defined by the prescriptions.

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## 15. REGULATORY INFORMATION

### Classification

T Toxic

### R-phrases

49 May cause cancer by inhalation.  
38 Irritating to skin.

### National regulations

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## 16. OTHER INFORMATION

### Further information

References for literature on request.

The information contained herein is based on the state of our knowledge. It characterizes the product with regard to the appropriate safety precautions. It does not represent a guarantee of the properties of the product.