

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

<b>Name of product</b>	<b>5151120 Siliziumkarbid</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

**Special hazards information for humans and environment**  
no

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## 3. COMPOSITION/INFORMATION ON INGREDIENTS

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## 4. FIRST AID MEASURES

### General information

Adhere to personal protective measures when giving first aid.

### In case of inhalation

Remove the casualty into fresh air and keep him immobile.

### In case of skin contact

In case of contact with skin wash off with soap and water.

### In case of eye contact

In case of contact with eyes rinse 10 minutes under running water while keeping eyelids open.

### In case of ingestion

Do not induce vomiting.

In the event of persistent symptoms seek medical advice.

Rinse out mouth and give plenty of water to drink.

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## 5. FIRE-FIGHTING MEASURES

### Suitable extinguishing media

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

### Extinguishing media which must not be used for safety reasons

Not known.

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

Not known.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions

Avoid dust formation.  
See protective measures article 7 and 8.

### Methods for cleaning up

Disposal according to regulations.  
Take up mechanically and send for disposal.

### 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.

### Advice on protection against fire and explosion

No special measures necessary.

**Storage group** 13

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## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Respiratory protection

If ventilation insufficient, wear respiratory protection.  
Respiratory mask

### Hand protection

Leather gloves

### Eye protection

tightly fitting goggles

### General protective measures

Avoid contact with eyes and skin

### Hygiene measures

At work do not eat, drink, smoke or take drugs.  
Remove soiled or soaked clothing immediately.  
Wash hands before breaks and after work.  
Use barrier skin cream.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Form**  
splintery

**Colour**  
green-black

**Odour**  
odourless

### Important health, safety and environmental information

Value	Temperature	at	Method	Remark
<b>pH value in delivery state</b>				not reasonably applicable

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	Value	Temperature	at	Method	Remark
<b>boiling point</b>	not applicable				
<b>melting point</b>	ca. 2200 °C				
<b>Flash point</b>					Substance is inorganic.
<b>Autoignition</b>	no				
<b>Density</b>	ca. 3,2 g/cm3				
<b>Solubility in water</b>					insoluble
<b>Explosive properties</b>	The product is not explosive.				

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## 10. STABILITY AND REACTIVITY

### Hazardous decomposition products

No hazardous decomposition products known.

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## 11. TOXICOLOGICAL INFORMATION

### Acute toxicity/Irritability/Sensitization

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	Value/Validation	Species	Method	Remark
<b>Irritability skin</b>	non-irritant			
<b>Irritability eye</b>	non-irritant			
<b>Skin sensitization</b>	keine bekannt			

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## 12. ECOLOGICAL INFORMATION

### Data on elimination (persistence and degradability)

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	Elimination rate	Method of analysis	Method	Validation
<b>Biological eliminability</b>	According to previous experiences this product is inert and non-degradable.			

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### General regulation

If handled and applied appropriately environmental problems are not expected.  
Ecotoxic effects: harmful effects on aquatic organisms are not assumed.

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### 13. DISPOSAL CONSIDERATIONS

<b>Waste code No.</b>	<b>Name of waste</b>
12 01 17	waste blasting material other than those mentioned in 12 01 16

#### **Recommendations for packaging**

Uncleaned packaging can be incinerated together with household refuse in accordance with the necessary technical regulations with the disposal agency and the relevant authorities.

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### 14. TRANSPORT INFORMATION

#### **Land and inland navigation transport ADR/RID**

No hazardous material as defined by the prescriptions.

#### **Transport/further information**

No hazardous material as defined by the prescriptions.

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### 15. REGULATORY INFORMATION

#### **Remarks for classification**

The product does not require a hazard warning label in accordance with EC directives.

#### **S-phrases**

26	In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
37/39	Wear suitable gloves and eye/face protection.

#### **National regulations**

<b>Water hazard class</b>	-	nwh - not water hazardous
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### ! 16. OTHER INFORMATION

#### **! Further information**

All declarations of safety-data-sheet refer to pure substance.

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.

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