



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

Name of product	5150100 Strahlkorund 100er
Manufacturer/distributor	TGK GmbH Helleforthstraße 18 - 20, D-33758 Schloß Holte - Stukenbrock Phone 05207 91280, Fax 05207 912840 E-Mail tgk@tgk.de Internet www.tgk.de
Advice	Phone 05207 91280 Fax 05207 912840
Emergency advice	Phone 05207 91280
Recommended intended purpose(s)	Blasting abrasive

! 2. HAZARDS IDENTIFICATION

Special hazards information for humans and environment
no

! 3. COMPOSITION/INFORMATION ON INGREDIENTS

! Hazardous ingredients

CAS No	EC No	Name	[%]	Classification
409-21-2	206-991-8	Siliciumcarbid	5,8	
7699-41-4	231-716-3	Siliciumoxid	11,6	
1309-37-1	215-168-2	Eisen(III)oxid	0,2	
1344-28-1	215-691-6	aluminium-oxide	80,1	
13463-67-7	215-168-2	Titanoxid	0,7	
1305-78-8	215-138-9	Calciumoxid	<= 1,6	
1309-48-4	215-171-9	Magnesiumoxid	<= 1,6	

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.

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.

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

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 skin, eyes and clothing.

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.



9. PHYSICAL AND CHEMICAL PROPERTIES

Form square-edged	Colour coloured-brown-grey	Odour odourless
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Important health, safety and environmental information

	Value	Temperature	at	Method	Remark
pH value in delivery state					not reasonably applicable
boiling point	not applicable				
melting point	ca. 2200 °C				
Flash point					Substance is inorganic.
Autoignition	no				
Density	ca. 3,85 - 3094 g/cm ³				
Solubility in water					insoluble

Explosive properties

The product is not explosive.

10. STABILITY AND REACTIVITY

Hazardous decomposition products

No hazardous decomposition products known.

11. TOXICOLOGICAL INFORMATION

Acute toxicity/Irritability/Sensitization

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

12. ECOLOGICAL INFORMATION

Data on elimination (persistence and degradability)

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



General regulation

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

13. DISPOSAL CONSIDERATIONS

Waste code No.

12 01 17

Name of waste

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.

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.

! 15. REGULATORY INFORMATION

National regulations

Water hazard class

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nwh - not water hazardous

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.
