



Safety Data Sheet according to Regulation (EC)
No. 1907/2006 (REACH)
Datenblatt nicht freigegeben !
5150120 Strahlkorund 80er

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

| | |
|--|---|
| Name of product | 5150120 Strahlkorund 80er |
| 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 |
|-----------------------------|--------------------------------------|---------------------------|

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

-

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.
