

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31



Printing date 24.10.2024

Version number 2

Revision: 24.10.2024

SECTION 1: Identification of the substance/mixture and of the company/undertaking

- **1.1 Product identifier**
- **Trade name:** SHERAGLANZSTRAHLPERLEN 50 my
- **Article number:** 604020
- **1.2 Relevant identified uses of the substance or mixture and uses advised against:**
No further relevant information available.
- **Application of the substance / the mixture:** Abrasives
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**
SHERA Werkstoff-Technologie GmbH
Espohlstraße 53
D-49448 Lemförde
GERMANY
sdb@shera.de
+ 49 (0) 54 43 - 9933 - 0
- **Further information obtainable from:** Department of product security.
- **1.4 Emergency telephone number:**
+49 5443 9933-0 This number is serviced during office hours.
Opening times: Monday to Thursday from 8 am - 5 pm, Friday from 8 am - 3 pm.

SECTION 2: Hazards identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008:**
The product is not classified, according to the GB CLP regulation.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008:** Void.
- **Hazard pictograms:** Void.
- **Signal word:** Void.
- **Hazard statements:** Void.
- **2.3 Other hazards**
Dust can cause irritation of the cornea and conjunctiva. Causes light skin irritation. Localised reddening, oedemas, itchiness and/or pain. Inhalation of dust can irritate the respiratory system.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

SECTION 3: Composition/information on ingredients

- **3.2 Mixtures**
- **Description:** Mixture of substances listed below with nonhazardous additions.

- **Dangerous components:**

CAS: 65997-17-3	Fibrous Glass	substance with a Community workplace exposure limit	>95%
EINECS: 266-046-0			

- **Additional information:** For the wording of the listed hazard phrases refer to section 16.

SECTION 4: First aid measures

- **4.1 Description of first aid measures**
- **General information:** In case of troubles or persistent symptoms, consult an medical.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**
Wash with water and soap.
In case of skin irritation, seek medical treatment.

(Contd. on page 2)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31



Printing date 24.10.2024

Version number 2

Revision: 24.10.2024

Trade name: SHERAGLANZSTRAHLPERLEN 50 my

(Contd. of page 1)

- **After eye contact:**
Rinse opened eye for several minutes under running water.
Avoid eye friction.
In case of troubles or persistent symptoms, consult an ophthalmologist.
- **After swallowing:**
Rinse out mouth and then drink plenty of water.
Do not induce vomiting. Risk of aspiration!
If symptoms persist consult doctor.
- **4.2 Most important symptoms and effects, both acute and delayed**
Lung irritation, localised reddening, itchiness, coughing.
- **4.3 Indication of any immediate medical attention and special treatment needed**
No further relevant information available.

SECTION 5: Firefighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
The product itself does not burn.
Combustible: Packaging materials.
- **5.2 Special hazards arising from the substance or mixture** No further relevant information available.
- **5.3 Advice for firefighters** Extinguishing measures must be appropriate to the surroundings.
- **Protective equipment:** Mouth respiratory protective device.

SECTION 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**
Avoid contact with skin and eyes.
Avoid formation of dust.
Do not breathe dust.
Mount respiratory protective device.
Particular danger of slipping on leaked / spilled product.
- **6.2 Environmental precautions** Damp down dust with water spray.
- **6.3 Methods and material for containment and cleaning up**
Pick up mechanically.
Provide adequate ventilation.
Do not breathe dust.
Avoid generation of dust.
- **6.4 Reference to other sections**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

SECTION 7: Handling and storage

- **7.1 Precautions for safe handling**
Ensure good ventilation / exhaustion at the workplace.
Prevent formation of dust.
- **Information about fire - and explosion protection:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **Storage**
- **Requirements to be met by storerooms and receptacles:**
Store in a dry place, avoid the formation of dust, keep containers closed.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

(Contd. on page 3)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31



Printing date 24.10.2024

Version number 2

Revision: 24.10.2024

Trade name: SHERAGLANZSTRAHLPERLEN 50 my

(Contd. of page 2)

- **Storage class:** TRGS 510: 13 (Non-flammable solid).
- **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

· 8.1 Control parameters

- **Ingredients with limit values that require monitoring at the workplace:**

65997-17-3 Fibrous Glass

AGW (Germany)	Long-term value: 1.25* 10** mg/m ³ 2(II); *Alveolar fraction**Respirable; AGS, DFG
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- **Additional information:** The lists valid during the making were used as basis.

· 8.2 Exposure controls

- **Appropriate engineering controls** No further data; see section 7.
- **Individual protection measures, such as personal protective equipment**
- **General protective and hygienic measures:**
Vacuum clean contaminated clothing. Do not blow or brush off contamination.
Avoid generation of dust.
Ensure good ventilation / exhaustion at the workplace.
Do not breathe dust.
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:**
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.
Particulate filter device (DIN EN 143) P2
- **Hand protection**



Protective gloves

The glove material has to be impermeable and resistant to the product. Due to missing tests no recommendation to the glove material can be given for the product. Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation.

- **Material of gloves:**

The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.

- **Penetration time of glove material:**

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

- **Eye/face protection** Dust protection goggles.

SECTION 9: Physical and chemical properties

· 9.1 Information on basic physical and chemical properties

- **General Information**

- | | |
|---|-----------------|
| · Physical state | Solid |
| · Colour: | Colorless |
| · Odour: | Odourless |
| · Melting point/freezing point: | ca. 1400 °C |
| · Boiling point or initial boiling point and boiling range | Not applicable. |
| · Flammability | Not applicable. |

(Contd. on page 4)

GB

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31

Printing date 24.10.2024

Version number 2

Revision: 24.10.2024

Trade name: SHERAGLANZSTRAHLPERLEN 50 my

(Contd. of page 3)

<ul style="list-style-type: none"> · Lower and upper explosion limit · Lower: · Upper: · Flash point: · Decomposition temperature: · pH · Viscosity: · Kinematic viscosity · Dynamic: · Solubility · water: · Partition coefficient n-octanol/water (log value) · Vapour pressure: · Density and/or relative density · Density: · Relative density · Vapour density 	<ul style="list-style-type: none"> Not determined. Not determined. Not applicable. Not determined. Not applicable. Not applicable. Not applicable. Not applicable. Insoluble. Not determined. Not applicable. Not determined. Not determined. Not applicable.
<ul style="list-style-type: none"> · 9.2 Other information · Appearance: · Form: · Important information on protection of health and environment, and on safety. · Ignition temperature: · Explosive properties: · Solvent content: · VOC (EC): · Change in condition: · Evaporation rate 	<ul style="list-style-type: none"> Solid Product is not selfigniting. Product does not present an explosion hazard. 0.00 % Not applicable.
<ul style="list-style-type: none"> · Information with regard to physical hazard classes · Explosives · Flammable gases · Aerosols · Oxidising gases · Gases under pressure · Flammable liquids · Flammable solids · Self-reactive substances and mixtures · Pyrophoric liquids · Pyrophoric solids · Self-heating substances and mixtures · Substances and mixtures, which emit flammable gases in contact with water · Oxidising liquids · Oxidising solids · Organic peroxides · Corrosive to metals · Desensitised explosives 	<ul style="list-style-type: none"> Void. Void. Void. Void. Void. Void. Void. Void. Void. Void. Void. Void. Void. Void. Void. Void. Void.

SECTION 10: Stability and reactivity

- **10.1 Reactivity** Stable and inert.
- **10.2 Chemical stability** No decomposition if used according to specifications.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **10.3 Possibility of hazardous reactions** No dangerous reactions known.

(Contd. on page 5)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31



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Version number 2

Revision: 24.10.2024

Trade name: SHERAGLANZSTRAHLPERLEN 50 my

(Contd. of page 4)

- **10.4 Conditions to avoid** No further relevant information available.
- **10.5 Incompatible materials** No further relevant information available.
- **10.6 Hazardous decomposition products** No dangerous decomposition products known.

SECTION 11: Toxicological information

- **11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **Skin corrosion/irritation** Based on available data, the classification criteria are not met.
- **Serious eye damage/irritation** Based on available data, the classification criteria are not met.
- **Respiratory or skin sensitisation** Based on available data, the classification criteria are not met.
- **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- **Carcinogenicity** Based on available data, the classification criteria are not met.
- **Reproductive toxicity** Based on available data, the classification criteria are not met.
- **STOT-single exposure** Based on available data, the classification criteria are not met.
- **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- **Aspiration hazard** Based on available data, the classification criteria are not met.
- **11.2 Information on other hazards**

- **Endocrine disrupting properties**

None of the ingredients is listed.

SECTION 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Endocrine disrupting properties**
The product does not contain substances with endocrine disrupting properties.
- **12.7 Other adverse effects**
- **Additional ecological information:**
- **General notes:** Generally not hazardous for water.

SECTION 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Waste disposal key:**
The waste disposal code as prescribed in the European Waste Catalogue (EWC) depends on the waste producer and can thus vary for a product. The waste disposal code should thus be obtained separately from the waste producer in each case.
- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

GB

(Contd. on page 6)

Safety data sheet

according to Regulation (EC) No 1907/2006, Article 31



Printing date 24.10.2024

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Revision: 24.10.2024

Trade name: SHERAGLANZSTRAHLPERLEN 50 my

(Contd. of page 5)

SECTION 14: Transport information

· 14.1 UN number or ID number · ADR, ADN, IMDG, IATA	Void.
· 14.2 UN proper shipping name · ADR, ADN, IMDG, IATA	Void.
· 14.3 Transport hazard class(es) · ADR, ADN, IMDG, IATA · Class	Void.
· 14.4 Packing group · ADR, IMDG, IATA	Void.
· 14.5 Environmental hazards:	Not applicable.
· 14.6 Special precautions for user	Not applicable.
· 14.7 Maritime transport in bulk according to IMO instruments	Not applicable.
· UN "Model Regulation":	Void.

SECTION 15: Regulatory information

- **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- **Poisons Act**

- **Regulated explosives precursors**

None of the ingredients is listed.

- **Regulated poisons**

None of the ingredients is listed.

- **Reportable explosives precursors**

None of the ingredients is listed.

- **Reportable poisons**

None of the ingredients is listed.

- **Directive 2012/18/EU**

- **Named dangerous substances - ANNEX I** None of the ingredients is listed.

- **National regulations:**

- **Information about limitation of use:**

Employment restrictions concerning juveniles must be observed.

Employment restrictions concerning pregnant and lactating women must be observed.

- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on the state of knowledge and experience pertaining on the date of issue. The information is not to be taken as a guarantee of product properties and do not constitute the basis for a contractual legal relationship. The details must not be changed or transferred to other products. Duplication in an unchanged state is permissible.

- **Department issuing SDS:** Department of product security.

- **Abbreviations and acronyms:**

ADR: Accord relatif au transport international des marchandises dangereuses par route (European Agreement Concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

(Contd. on page 7)

Safety data sheet
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Revision: 24.10.2024

Trade name: SHERAGLANZSTRAHLPERLEN 50 my

(Contd. of page 6)

GHS: Globally Harmonised System of Classification and Labelling of Chemicals
EINECS: European Inventory of Existing Commercial Chemical Substances
ELINCS: European List of Notified Chemical Substances
CAS: Chemical Abstracts Service (division of the American Chemical Society)
VOC: Volatile Organic Compounds (USA, EU)
PBT: Persistent, Bioaccumulative and Toxic
vPvB: very Persistent and very Bioaccumulative

· *** Data compared to the previous version altered.**

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