

Safety data sheet according to (EG) Nr. 1907/2006 (REACH)Product: **Makrospec**

Version: 01

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Date of proof: 16.09.2019

Date of print: 04.11.2019

1. Description of the mixture and the enterprise

Product identifier:

Product name: **Makrospec G 0050; G 0100; G 0110; G 0300**
Porous glass

FEW product code: 330050; 330100; 330110; 330300

Relevant identified uses of the mixture and uses advised against:

Use of the substance: adsorbent

Details of the supplier providing the safety data sheet:

Manufacturer: FEW Chemicals GmbH
District Wolfen
Technikumstraße 1
06766 Bitterfeld-Wolfen
Germany
Fon: +49 (0)3494 63 8050
Fax: +49 (0)3494 63 8099
E-mail: few@few.de
Informing department: Production
emergency number:: +49 (0)3494 608071 (Mon-Fri 7-16 UTC+1)**2. Possible hazards**

Classification of the substance:

In accordance with ordinance (EG) Nr. 1272/2008 (CLP)

Classification: Not classified

Identification elements:

Hazard symbol: Not required

Signal word: Not required

Hazard statements: No hazard statements

Precautionary statements: P 261 - Avoid breathing dust.
P402+P404 Store in a dry place. Store in a closed container.

Other hazards: The substance does not meet the criteria for classification as PBT or vPvB.

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3. Composition / information on the components

Chemical characterization:	Silicon dioxide, amorphous
Molecular formula	SiO ₂
CAS-Nr.	60676-86-0
EG-Nr.	262-373-8
Rech-Reg.-Nr.	none

4. First aid measures

Description of first aid measures:

Inhalation:	Remove affected persons to fresh air.
Skin contact:	Wash affected area with water and soap.
Eye contact:	Rinse immediately with plenty of water for at least 10-15 minutes.
Ingestion:	Rinse mouth with plenty of water.
General:	Consult a doctor if symptoms persist

Most important acute or delayed symptoms and effects:

No data available.

Information about immediate medical help or special treatment:

No data available.

5. Fire fighting measures

Extinguishing agent:

Suitable extinguishing agents:	Adjust extinguishing measures to the environment. (Water, carbon dioxide, foam and extinguishing powder)
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Special hazards arising from the mixture:

The product is not flameable.

Instructions for fire fighting:

Use independent breathing apparatus.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures:

Use personal protective clothing.

Avoid inhalation of dust.

Environmental protection measures: No special measures required.

Methods and materials for retention and cleaning:

Collect mechanically and dispose of in suitable containers.

Reference to other sections:

See sections 8 and 13.

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7. Handling and storage

Protective measures for safe handling:

Avoid dust formation.

Conditions for safe storage under consideration of incompatibilities:

Store in original container and keep dry.

Specific uses:

Adsorbent

8. Exposure controls/personal protective equipment

Parameters to be monitored:

occupational exposure limits:	8 hours	short time
Germany	mg/m ³	mg/m ³
	0,3 inhalable fraction	No data available.

Biological limits:

No data available.

Exposure controls and monitoring:

See section 7

Personal protective equipment:

The design of personal protective equipment must be selected according to the concentration and quantity of hazards at the workplace.

Eye protection:

safety goggles with side protection.

Hand protection:

Adjust hand protection to the other substances used.

Respiratory protection:

Avoid inhalation of dust.

Body protection:

protective coat

Limitation and monitoring of environmental exposure:

See sections 6 and 7. No further action required.

9. Physical and chemical properties

Appearance:

Information of physical and chemical properties:

State of matter:	Solid
Colour:	White
Smell:	Odourless
pH value (as supplied):	Not applicable
Melting point:	No data available.
Flammability:	No data available.
Explosion limits:	No data available.
Density:	No data available.
Solubility in water:	Insoluble.
Other information:	No further data available.

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10. Stability and reactivity

Reactivity:	Stable under specified storage conditions.
Chemical stability:	Stable under standard conditions.
Possibility of dangerous reactions:	Dust can form an explosive mixture with air.
Conditions to avoid:	Not known.
Incompatible materials:	alkaline solutions (pH > 9), hydrofluoric acid
Hazardous decomposition products:	No dangerous decomposition products.

11. Information on toxicology

Acute effects:	No data available.
Repeated dose toxicity (subacute, subchronic, chronic):	No data available.
Etching/irritant effect on the skin:	No data available.
Severe eye damage/irritation:	No data available.
Carcinogenicity:	No data available.
Reproductive toxicity:	No data available.
specific target organ toxicity at single exposure:	No data available.
specific target organ toxicity at repeated exposure:	No data available.
Aspiration hazard:	No data available.

12. Environmental information

Data on ecotoxicity are not available.

There is no risk of water pollution when entering water bodies, sewers or soil.

toxicity	No data available.
Persistence and degradability:	No data available.
Potential for bioaccumulation	No data available.
Mobility in the ground:	No data available.
Results of the PBT and vPvB assessment:	No data available.
Other adverse effects:	No data available.

13. Notes on disposal

Waste treatment process:	Disposal in accordance with official regulations.
Product:	The product must be disposed of in accordance with local regulations.
Packaging:	Contaminated packaging must be treated like the substance.

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14. Transport information

No dangerous goods as defined by transport regulations

15. Legal provisions

Safety, health and environmental protection requirements/specific legislation of the mixture:

Ordinance (EG) Nr. 1907/2006 (Reach)

Ordinance (EG) Nr. 1272/2008 (GHS/ CLP)

Water hazard class:

Non-water-hazardous substance (entry 849)

16. Other information

Restriction of use recommended by the manufacturer:

For industrial use only.

Text of the hazard and precautionary statements referred to in sections 2 and 3:

precautionary

statements: P 261

Avoid breathing dust.

P402+P404

Store in a dry place. Store in a closed container.

other information:

Sources: Data are taken from reference literature.

<http://www.baua.de>

<http://www.bmu.de>

The information provided is based on the current state of knowledge. They are intended to describe our products with regard to safety requirements and are therefore not intended to guarantee any particular properties.