



ARTICLES

Milled glass fibre 0.2 mm**Item no. 210110**

0. GENERAL INFORMATION

In terms of item 3.3 of the REACH Regulation (EG) No. 1907/2006 these products are articles. They do not contain any substances which are intentionally released under normal or reasonably foreseeable conditions of use. Therefore, there exists no registration requirement for substances in articles in the sense of item 7.1 of the regulation. A safety data sheet for these products must not be provided as according to item 31 such a safety data sheet is only required for dangerous substances and preparations and not for articles. STW has committed itself to provide its customers with appropriate information regarding safe handling and application. A special format is not stipulated.

1. DESIGNATION FOR PRODUCT AND COMPANY

1.1 FIBRE PRODUCT

| | |
|----------------------|--|
| Presentation | Fibre filler, Short cut fibre |
| Fibre class | Continuous glass fibre |
| Chemical designation | AR-glass, E-glass, ECR-glass, Silica glass |
| Commercial name | Milled glass fibre 0.2 mm |
| Application | Technical application, fibre reinforcement |

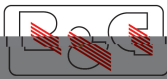
1.2 DESIGNATION OF COMPANY

R&G Faserverbundwerkstoffe GmbH
Im Meissel 7 • 71111 Waldenbuch

Fon +49 07157 530460

Fax +49 07157 530470

Mail info@r-g.de **Web** www.r-g.de



2. HAZARDOUS IDENTIFICATION

| | |
|-------------------------------|---|
| Classification (1272/2008 EC) | not classified |
| Label elements | not applicable |
| Other hazards | May cause itching and transient irritation after skin contact or ingestion. |

3. COMPOSITION / INFORMATION ON INGREDIENTS

3.1 COMPOSITION

| | |
|----------------------------|--------------------|
| AR-glass with spin finish | CAS-Nr. 65997-17-3 |
| E-glass with spin finish | CAS-Nr. 65997-17-3 |
| ECR-glass with spin finish | CAS-Nr. 65997-17-3 |

3.2 SPIN FINISH

The fibre product may contain up to 1.5 % of a spin finish based on organic polymer. At temperatures above 200 °C the thermal decomposition of the spin finish starts.

4. FIRST AID MEASURES

| | |
|----------------|--|
| General advice | If symptoms persist or if there is any doubt, seek medical advice. |
| Eyes | Immediately rinse thoroughly with water. |
| Skin | If skin irritation occurs, wash with soap and water. |
| Ingestion | Clean mouth with water and drink plenty of water. |
| Inhalation | Inhale fresh air. |

Most important acute and delayed symptoms and effects

In some cases a weak skin irritation was observed (redness, itching). Dust may irritate the respiratory tract and cause bronchitis symptoms.



5. FIRE-FIGHTING MEASURES

5.1 COMBUSTION PROPERTIES

| | |
|---------------------------|---|
| Flash point | not applicable |
| Auto-ignition temperature | not applicable |
| Soft temperature | AR-glass approx. 860 °C E-glass approx. 840 °C ECR-glass approx. 880 °C |
| Decomposition temperature | Silica approx. 1250 °C |
| Explosiveness | not applicable |

Dangerous products of combustion

Textile glass fibre products are not combustible. The sizing particles and the packaging material can decompose and burn in the event of a fire.

5.2 EXTINGUISHING AGENTS

| | |
|------------|---|
| Suitable | all usual extinguishing agents |
| Unsuitable | water, if the fire was caused by electrical short circuit |

5.3 ADDITIONAL ADVICE

In case of fire-fighting in closed rooms, respiratory equipment must be used which is independent of the ambient air. Electrostatic discharge must be observed.

6. ACCIDENTAL RELEASE MEASURES

6.1 CLEANING MEASURES

Before cleansing, the following sections should be consulted: "Fire-fighting measures" and "Handling and storage". During the cleansing procedure, use appropriate "personal protective equipment". The released product must be carefully collected mechanically. Dust formation must be avoided.

7. HANDLING AND STORAGE

7.1 HANDLING

Avoid fibre fly and fibre dust by aspiration and ventilation. Follow good industrial hygiene practices for ventilation and clean up. Keep away from ignition sources. Beware effects of electrostatic discharge. Work must be done with a good working hygiene and safety technology.

7.2 STORAGE

Storage rooms must be well-ventilated and the material should be stored dry at room temperature in the original packaging. The fibre product should be protected from direct sun exposure.



8. EXPOSURE CONTROL AND PERSONAL PROTECTION

8.1 EXPOSURE LIMITS

There are no workplace exposure limits. The TRGS 521 "Fibre dusts" must be observed.

8.2 AVOID FIBRE FLY, FIBRE DUST AND DECOMPOSITION PRODUCTS BY ASPIRATION AND VENTILATION

8.3 PERSONAL PROTECTIVE EQUIPMENT

Eye protection

Appropriate safety measures must be observed (safety glasses).

Respiratory protection

A dust mask must be worn when high dust concentrations occur.

Skin protection

Work clothes and gloves must be worn to avoid skin contact.

Hygiene measures

Work must be done with a good working hygiene and safety technology.

9. PHYSICAL AND CHEMICAL PROPERTIES

9.1 APPEARANCE

| | |
|---------|---|
| Form | grinded, short cut fibres |
| Colour | white, greyish |
| Odour | odourless |
| Density | 2.50 – 2.72 g/cm ³ (depending on glass type) |

Siehe Punkt 5.1

10. STABILITY AND REACTIVITY

10.1 CHEMICAL STABILITY

Stable

10.2 CONDITIONS TO AVOID

None

