

Safety Data Sheet - Fibreglass

1. Name of the substance/preparation and of the company

Product details

::: Material	Fibreglass
::: Use of the substance/preparation	Installation parts for concrete elements
::: Supplier	B.T. innovation GmbH Sudenburger Wuhne 60 D-39116 Magdeburg Tel.: +49 (0) 391-7352-0 Fax: +49 (0) 391-7352-54
::: Informing department	Technical department info@bt-innovation.de
::: Emergency information	Telephone: +49 (0) 391 7352-0

2. Possible hazards

2.1 Classification of the substance or mixture

::: Classification according to Directive 67/548/EEC or Directive 1999/45/EC	No hazardous substance or mixture
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2.2 Labelling elements

::: Labelling according to GHS regulation	No GHS labelling required.
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2.3 Other hazards

There is no information available.

3. Composition / information on ingredients

::: Chemical characterisation	Glass-fibre reinforced plastic (GRP) based on epoxy resin and glass fibres
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4. First aid measures

4.1 Description of first aid measures

::: General information	Under normal workplace conditions: No special measures required.
::: After skin contact	No special measures required.
::: After eye contact	Consult a doctor if irritation persists.

4.2 Indications for immediate medical help or special treatment

Due to the physical properties, mechanical irritations are possible.

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5. Fire fighting measures

::: General	Match extinguishing measures to the surrounding fire.
::: After spillage	Take up dry
::: Suitable extinguishing agents	Carbon dioxide (CO ₂), extinguishing foam, dry extinguishing agent or water spray. Fight larger fires with water spray or extinguishing foam.
::: Extinguishing agents unsuitable for safety reasons	None
::: Special hazards caused by the substance, its products of combustion or resulting gases	Carbon monoxide and carbon dioxide. Formation of toxic gases possible during heating or in case of fire
::: Special protective equipment	In case of fire, wear self-contained breathing apparatus.
::: Further information	Fire residues and contaminated extinguishing water must be disposed of in accordance with official regulations.

6. Accidental release measures

::: Personal precautions, protective equipment and - procedures to be used in emergencies	No special measures required.
::: Methods for cleaning / absorption	Take up material dry and dispose of properly.

7. Handling and storage

7.1 Handling

::: Protective measures for safe handling	Ensure good ventilation at the workplace. For persons with a pronounced sensitivity to skin irritation, it is recommended to avoid contact with the skin.
::: Personal protective equipment	Not required
::: Working hygiene	Wash hands before breaks and at the end of work.
::: Notes on fire and explosion protection	No special measures required.

7.2 Conditions for safe storage taking into account incompatibilities

::: Requirements for storage rooms and containers	No special requirements
::: Information on storage in one place	Not required
::: Further information on storage conditions	Store in a dry place away from light.

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8. Protective equipment / Limitation and monitoring of exposure

No special measures required.

9. Physical and chemical properties

::: General information

Form	solid, rod-shaped
Colour	beige
Odour	odourless
Density at 20° C	about. 2.00 – 2.05 g/cm ³
Solubility in/miscibility with water	insoluble
Thermal decomposition	no decomposition when used as intended hazardous
decomposition products	none if stored and handled properly
Hazardous reactions	none if stored and handled properly
Melting point / melting range	not determined
Boiling point/boiling range	not applicable
pH-value	not applicable
Flash point	not determined
Flammability (solid, gaseous)	not applicable
Explosion hazard	none if stored and handled properly

::: Other information

The above physical data are indicative and should not be seen as a specification.

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10. Stability and reactivity

::: Reactivity	No dangerous reactions are known when stored and handled properly.
::: Chemical stability	No dangerous reactions are known when stored and handled properly.
::: Possibility of hazardous reactions properly.	No dangerous reactions are known when stored and handled.
::: Conditions to avoid	none known
::: Incompatible materials	none known
::: Hazardous decomposition products	None are known when stored and handled properly.

11. Toxicological information

::: Information on toxicological effects	According to our experience and the information available to us, the glass fibre plastic can be handled without any health hazards if it is handled properly and in accordance with the usual working hygiene. There is neither an acute nor a subacute toxicity, no carcinogenic effect is known.
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12. Environmental information

No environmental problems are expected if handled properly. The product is generally not hazardous to water. The product is not biodegradable.

13. Notes on disposal

::: Recommendation	Disposal in accordance with official regulations
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14. Transport information

14.1 – 14.4 UN- number / Proper UN shipping name / Transport hazard classes / Packing group

Road ADR	no dangerous goods
Rail RID	no dangerous goods
Sea transport IMDG-Code	no dangerous goods
Air transport ICAO-TI/IATA-DGR	no dangerous goods

14.5 Environmental hazards

::: Environmentally hazardous	no
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15. Legislation

::: Safety, health and environmental regulations / specific legislation for the substance or mixture:

National regulations

National regulations must be observed!

16. Other information

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