



Material Safety Data Sheet

1. Identification of Substance and Company:

Product – Specifications:

Product Name: Centrifugally Cast Glass-Fiber-Reinforced Plastic Pipes, Couplings and Fittings Based on Unsaturated Polyester or Vinyl Ester Resins

Brand Name: HOBAS CC-GRP Pipe

Manufacturer: HOBAS Rohre GmbH Germany
Gewerbepark 1 Hellfeld
17034 Neubrandenburg, Germany

2. Composition / Information on Ingredients:

Chemical Characterization:

Components: Thermosetting plastics, glass fibers, sand, calcium carbonate filler
Dangerous Components: None, as fully cured composite material
Description of Preparation: Fully polymerized glass fiber reinforced plastics

3. Hazards Identification:

Possible risks for humans and environment: None on the product.

However, wear particle filtering respirable dust mask, protective goggles, as well as protective clothing (overall) and safety gloves, when grinding or cutting pipes, couplings and fittings, dust may irritate your skin and eyes.

Occupational exposure limits of respirable dust and quartz dust (alveolar fraction) will not exceed most likely during work outside. But never the less prevent from inhalation.

Use skin care products after grinding or cutting, ask your doctor for detailed information.

Use a suitable dust extraction when cutting or grinding pipes, couplings and fittings, to avoid dust explosions.



4. First-Aid Measures:

Only applicable for cutting or grinding dust

Eye Contact: Irrigate immediately with water for at least 5 minutes, contact doctor if necessary

Inhalation: Fresh air for the Person concerned and keep calm, contact doctor if necessary

Swallowing: Rinse out mouth and drink much water, contact doctor if necessary

5. Fire-Fighting Measures:

Extinguishing Media: Water, CO₂, foam powder

Unsuitable Extinguishing Media: Not known

Particular Danger by the Product Itself: None, Dust is flammable

Protection of Firefighters: Breathing protection

6. Physical and Chemical Properties:

Appearance:

Form: Solid - pipe
Color: Light-brown, white, can also be colored
Odor: None
Dust: Apparently white

Relevant Data for Security: Only applicable for cutting or grinding dust

Dust grain size distribution:	Between 20µm and 500µm
Flash point:	Not applicable
Ignition temp.:	Approx. 450 °C
Smoldering temp.:	450 °C – 500 °C
Flammability-LFL:	Not known
Flammability-UFL:	Not known
Explosion hazard:	Creation of ignitable dust compound possible



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7. Stability and Reactivity:

Conditions to Avoid: Avoid mechanical damage

Materials to Avoid: Open flame and other ignition sources during cutting and grinding

Hazardous Decomposition Products: None known for the product itself
Fractions of quartz sand in dust

8. Toxicological Information:

Acute Toxicity: No known danger for health

9. Ecological Information:

10. Other Informations:

Further Informations:

- See HOBAS Pipe Laying Instruction