

## MATERIAL SAFETY DATA SHEET

### 1. Identification of Substance

- Product details & Trade Name : Glassfiber reinforced polyester (FRP/GRP) flat sheets & coils
- Application of the substance / the preparation: Various
- Manufacturer / Supplier:  
FIBROSAN CTP SAN. TIC. A.S.  
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### 2. Hazards Identification

- Hazard designation: void
- Information pertaining to particular dangers for man and environment: void
- Additional information:  
Small broken filaments can possibly lead to irritation of the eyes, skin or respiratory system.

### 3. Composition/Information on Ingredients

- Chemical characterization
- Description: Glass - reinforced plastic based on polyester resin and fiberglasses
- Dangerous components: void
- Other components:

CAS: 1317-70-0	Titandioxide	< 5%
EINECS: 215-280-1		

### 4. First Aid Measures

- General information: Remove contaminated clothing.
- Inhalation :  
If dust or other particles are produced during processing, provide adequate ventilation and / or respiration protection. In the event dust/particles have been respired call, consult a physician.
- Skin contact: rinse with lukewarm water and soap.
- Eye contact: rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.
- Swallowing: unlikely

### 5. Fire Fighting Measures

- Suitable extinguishing agents:  
CO<sub>2</sub>, extinguishing powder or water spray/fog. Fight larger fires with water spray/fog or alcohol-resistant foam.
- Unsuitable extinguishing agent: none
- Special hazards caused by combustion of the material or flue gases: Risk of a dust explosion if enriched with fine dust in presence of air. Formation of toxic gases is possible during heating or in case of fire.
- Protective equipment: wear self-contained breathing apparatus.
- Additional information:  
Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

### 6. Accidental Release Measures

- Person-related safety precautions: use breathing protection against the effects of fumes/dust/aerosol.
- Measures for environmental protection:  
Do not allow the entry to the drainage system, surface or groundwater.
- Measures for cleaning/collecting: Collect mechanically. Dispose of the material collected according to regulations.

### 7. Handling and Storage

- Handling:  
Information for safe handling:  
Ensure good ventilation/ exhauste at the workplace.  
If dust/ smoke is developed, avoid breathing dust/smoke.  
Make sure that all applicable workplace environmental limits are observed.  
Persons susceptible to irritation of the skin should avoid a skin contact; if so, Do not rub!
- Information about protection against explosions and fires:  
Keep ignition sources away- Do not smoke.  
Dust can combine with air to form an explosive mixture.
- Storage  
Requirements to be met by store rooms and containers:  
no special requirements.  
Information about storage in one common storage facility:  
not required  
Further information about storage condition:  
store under dry conditions.

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### 8. Exposure Controls and Personal Protection

- Additional information about design of technical systems:  
No further data; see item 7.
- Components with critical values that require monitoring at the workplace:  
Limit values consider for types of dust and/or fibers.  
Observe all OSHA workplace limits for dust:
- Personal protective equipment
- General protective and hygienic measures  
Instantly remove any contaminated garments.  
Do not inhale dust/smoke/mist.  
Wash hands during breaks and at the end of work.
- Breathing equipment:  
Use breathing protection in case of dust formation.  
If all workplace limits are observed and good ventilation is ensured, no special precautions necessary.
- Protection of hands: wear gloves for the protection against mechanical hazards according to EN 388.
- Eye protection: safety glasses are recommended when high amounts of dust are formed.
- Body protection: Protective work clothing.  
Protective clothing should be selected specifically for the working place.

### 9. Physical and Chemical Properties:

- General information:  
Form: Plaques  
Colour: Various colours  
Smell: Odourless
- Change in condition:  
Melting point/Melting range: not determined  
Boiling point/Boiling range: not determined
- Flash point: not applicable
- Inflammability (solid, gaseous): Product is not inflammable
- Danger of explosion: risk of dust explosion if enriched with fine dust in presence of air.
- Density: not determined
- Solubility in/Miscibility with Water: insoluble
- Additional information: further information please refer to technical data sheet.

### 10. Stability and Reactivity

- Thermal decomposition/conditions to be avoided: No decomposition if used and stored according to specifications.
- Dangerous reactions:  
The product is not capable of dust explosion in the form supplied; enrichment of fine dust may cause risk of dust explosion.
- Dangerous products of decomposition: poisonous gases/vapors.

### 11. Toxicological Information

- Acute toxicity:
- Primary irritant effect
- On the skin:  
Fine particles may temporarily irritate the skin. Fine dust may cause mechanical irritation.
- Subacute to chronic toxicity: no carcinogenic effect known.
- Additional toxicological information:  
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.

### 12. Ecological Information:

- Information about elimination (persistence and degradability):
- Other information: the product is not biodegradable.
- General notes: generally not hazardous for water.

### 13. Disposal Considerations

- Product:
- Recommendation:  
Must not be disposed of together with household garbage.  
Do not allow product to reach sewage system.  
Disposal must be made according to local and national regulations.
- European waste catalogue  
Waste disposal key number from EWC have to be assigned depending on origin and processing.
- Uncleaned packagings:
- Recommendation: disposal must be made according to official regulations.

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### 14. Transport Information

- Land transport ADR/RID (cross-border):  
ADR/RID Class: -
- Maritime transport IMDG/GGVSea:  
IMDG/GGVSea:  
IMDG/GGVSea Class: -  
Marine pollutant: No
- Airtransport ICAO-TIand IATA-DGR  
ICAO/IATA Class: -
- Transport additional information:  
Not dangerous according to the above specifications.  
We only recommend to transport the products dry and in the original packaging.

### 15. Regulatory Information

- Designation according to EC guidelines:  
The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EC" as issued in the last version.  
Observe all safety regulations when handling chemicals.  
The product is not subject to classification regulations under EC Directives and the Ordinance on Hazardous Materials (GefStoffV).
- National regulations  
Decree to be applied in case of technical fault: -  
Water hazard class: generally not hazardous for water.

### 16. Other information:

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This datas prepared by Fibrosan R&D laboratory.