



Product Safety Data Sheet

Issue Number: RDT - 2

Date: March 2007

1. IDENTIFICATION OF THE PRODUCT AND COMPANY

Product: Glass Reinforced Plastic Chambers

Company: RDT Chamber Solutions
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2. COMPOSITION AND DESCRIPTION

Composition: The Chambers are compression moulded from composite material, based on unsaturated polyester resin, reinforced glass fibres and varied additives.

Description: The Glass Reinforced Plastic Chambers comprise sections of various lengths, manufactured or cut to size, and bolted together via steel bolts and washers.

3. HAZARD IDENTIFICATION

Human Health Effects: Dust particles may cause skin irritation.

Environmental Effects: On the basis of available information, this product is not expected to produce any significant adverse environmental effects.

4. FIRST AID MEASURES

Skin Contact: Clean skin with proprietary cleanser or wipe with a dry cloth and then wash with plenty of water (or soap and water). If irritation persists or if any sign of tissue damage is apparent, obtain medical advice immediately.

Eye Contact: Irrigate copiously with water for at least ten minutes; obtain medical advice immediately if irritation persists or there is any tissue damage.

Inhalation: In the event of excessive inhalation of dust where parts are mechanically processed remove the individual to fresh air and keep at rest; obtain medical advice immediately.

Ingestion: In the event of accidental ingestion, rinse mouth with water; give up to 1 tumbler (½ pint) of milk or water to drink; obtain medical advice immediately.

5. FIRE FIGHTING MEASURES

- Extinguishing Media:** Dry powder, foam or water spray.
- Exposure Hazards:** GRP Chambers are not flammable but are combustible at high temperatures.
- Protective Equipment:** Fire fighters and others exposed, wear self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

- Personal Precautions:** Use personal protection recommended in Section 8.

7. HANDLING AND STORAGE

- Handling:** Handle in a well ventilated area.
- Storage:** No special measures necessary.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Occupational Exposure** If machining mouldings, use Local Exhaust Ventilation to keep dust below the occupational exposure limits.

Total Inhalable Dust

10 mg/m³ - 8-hour TWA

Respirable Dust (ISO/CEN)

4 mg/m³ - 8-hour TWA

- Eyes:** Safety spectacles or goggles.
- Respiratory Protection:** Dust respirator or dust mask when machining mouldings. Cartridge respirator with appropriate cartridge if exposure limits for styrene may be exceeded.
- Hand Protection:** Wear gloves.
- Skin Protection:** Wear overalls.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Appearance:** White or as requested.
- Odour:** No smell.

10. STABILITY AND REACTIVITY

All GRP Chambers are stable under regular conditions.

11. TOXICOLOGICAL INFORMATION

All composing materials are non-carcinogenic according to suppliers' specifications.

12. ECOLOGICAL INFORMATION

Assessment: Since GRP Chambers are stable and insoluble in water, it is non-hazardous to the ecological system.

13. DISPOSAL CONSIDERATIONS

It is permissible to dispose of waste without any danger arising. Local legislation should be taken into account.

14. TRANSPORT INFORMATION

This product is not classified as dangerous for carriage. All safe means of transport are permissible.

15. REGULATORY INFORMATION

Not classified as hazardous under EC Directive 88/379 and subsequent amendments.

16. REGULATORY INFORMATION

The information contained in this safety data sheet is based on the present state of knowledge and current national legislation. It provides guidance on health, safety and environmental aspects of the product and should not be construed as any guarantee of technical performance or suitability for particular applications. RDT Chamber Solutions cannot be held responsible for any errors or omissions.

If in any doubt, please contact:

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