

Supplier

Name Exel Composites Store Oy
Address Uutelantie 24 B
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Finland
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Product Description

Commercial Name Fiber reinforced tubes and rods;
Exelens™ glassfiber tubes
Exelite™ carbon fiber tubes
Chemical Name No chemical names for products
Constituent Parts Isophthalic polyester, epoxy based vinylester, glassfiber, carbon fiber, additives

Physical and Chemical Properties (where appropriate)

Weight, dimensions Various to customer requirements, hollow and solid tubes and profiles
Colour, odour Colour acc. to customer requirements
Odour when products are over-heated
Boiling and melting points (°C) Na
Specific gravity at 15°C 1.60 – 2.00 g/cm³
Vapour pressure: vapour density
Solubility in water and organic solvents Negligible
Flash point and auto ignition temperature (°C) > 450°C
Flammability limits (% by volume)
Corrosive Qualities: pH value Solid
Percentage or volatiles Solid

Evaporation rate

Stability in air: conditions to avoid Stable
Hazardous combustion products Carbon monoxide, carbon dioxide
Incompatibility (materials to avoid) Not active material

Uses

Whether for use as a solvent, and adhesive, for heat treatment, a paint, a lubricant, a cleaning agent/detergent, sterilising agent, a disinfectant or any other use.

Solid materials

Health Hazards

Results of nay test regarding the toxicity of any substance in the product. The routes of exposure and any short term (acute) or long term (chronic) effects on health noted.

Not toxic in service temperatures
Skin irritation (dust)

Fire Hazards

Fire extinguishing media: special fire fighting procedures necessary; unusual fire/explosion hazards.

Water, foam, powder, CO₂

Spillage/Leakage Precautions

Measures necessary in the event of spillage/leakage: waste disposal method.

Solid material
Dust removing system when machined. Inert fully polymerised, Waste disposal in accordance with local requirements.

Handling Precautions

Protective clothing and type: respiratory protection: ventilation and other precautions

Eye protection when cutting/machining.
Dust mask complying with CEN P2
Long sleeved loose fitting clothing
Gloves and barrier cream recommended

Transport/Storage Precautions

Transport/storage temperature (°C)
Loading/unloading temperature (°C)

-50°C to +80°C
-50°C to +80°C

Health and First Aid Procedures

Procedures in the event of inhalation; ingestion; eye contact, skin contact, special precautions during treatment.

Dust: Medical aid in the event of irritation caused by inhalation and inquestion.
Eye contact: flushing with water
Skin contact: washing with soap and water

Legislation

Specific legislation relating to the use of the product should be given.

Local legislation relating to fire resistance, electrical insulation properties depending on use.

Please provide any additional information you may feel is relevant on a separate sheet attached to this form.