



SECTION 1: CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Company information

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Product information

Product Name : Fibarolλ® Polyester Moulding Compound
For further information : Contact our product safety department
Information in case of emergency : Telephone +31 - (0)251 - 22 91 72

SECTION 2: COMPOSITION/ INFORMATION ON INGREDIENTS

Fibarolλ® Moulding Compounds comprise Polyester or Vinyl ester Resin in styrene monomer compounded with fillers, glass fibre reinforcement, curing agents, colouring agents and additives to control, flammability and viscosity.
Hazardous Ingredients: Styrene Monomer 601-006-00-0 10 - 20 % w/w Xn R10-20-36/38

SECTION 3: HAZARDS IDENTIFICATION

- Flammable
- Harmful by inhalation
- Irritating to eyes
- Irritating to skin

SECTION 4: FIRST AID MEASURES

Inhalation:

Remove to fresh air. In severe cases or great exposure - obtain medical attention.

Ingestion:

Wash out mouth thoroughly and give water to drink - obtain medical attention. Do not induce vomiting.

Eye Contact:

Irrigate thoroughly with water for at least 10 minutes - obtain medical attention. Skin Contact: Wash with soap and water

SECTION 5: FIRE-FIGHTING MEASURES

In case of fire, use foam, dry powder or carbon dioxide
Burning material emits toxic fumes and smoke. Wear self contained breathing apparatus.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- Do not allow entry into drains
- Sweep up spillage and place in suitable container for disposal.
- Keep away from sources of ignition. NO SMOKING
- Avoid contact with skin
- Avoid contact with eyes



SECTION 7: HANDLING AND STORAGE

Fibarolλ® Moulding Compound should be stored in a well ventilated area, protected from all sunlight and Ultra Violet irradiation and at a temperature not exceeding 20 deg C. To prevent Styrene loss the compound should be kept in the original packing until ready for use and unused material should be re-wrapped in the original packing material.

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

Contains: Styrene Monomer (12.5% Conc. Limit) OEL 100 ppm - 8 hr TWA (MEL)
250 ppm - STEL (MEL)

- Avoid contact with skin
- Wear suitable gloves
- Use only in well ventilated areas
- When using do not eat or drink
- When using do not smoke

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Fibarolλ® Moulding Compound is supplied in the form of a slightly tacky sheet covered or wrapped in nylon film to prevent styrene loss. When this protective film is removed an odour of styrene monomer will be observed. Flammability the material is classified as a Flammable Solid.

Flash Point 32¼ C (Styrene)

Ignition Temperature 490¼ C (Styrene)

Relative Density 1800 Kg/m³ approx.

SECTION 10: STABILITY AND REACTIVITY

The material will harden irreversibly on exposure to Ultra Violet irradiation and this reaction is exothermic. At 20 deg C the stability is 3 months or more but gradual hardening may take place after this time.

SECTION 11: TOXICOLOGICAL INFORMATION

Fibarolλ® Moulding Compound contains Styrene Monomer, which is classified as "Harmful". It is an Irritant to the skin, eyes and mucous membranes and exposure to concentrations above the OEL can induce dizziness, nausea, headaches and can lead to unconsciousness. The main routes of exposure are skin contact and inhalation of vapour. Information is given in section 8 to minimise these risks.

SECTION 12: ECOLOGICAL INFORMATION

- Marine Hazard
- Harmful to Aquatic organisms

SECTION 13: DISPOSAL CONSIDERATIONS

Use only authorised contractors for approved landfill or controlled incineration in compliance with local regulations.



SECTION 14: TRANSPORT INFORMATION

Shipping Name : Fibaroll
Transportation : Non hazardous for transportation

SECTION 15: REGULATORY INFORMATION

Contains : Styrene
Symbol : Xn

Risk Phrases : R10 Flammable
R20 Harmful by Inhalation
R36/38 Irritating to skin and eyes

Safety Phrases : S23 Do not breathe vapour OEL: 100 ppm 8hr TWA 250 ppm 10 min STEL

SECTION 16: OTHER INFORMATION

Machining of cured material gives rise to dust, which is irritating to skin, eyes and respiratory system.
Local exhaust ventilation should be provided to maintain airborne dust to below 10 mg/m^3 in compliance with the COSHH regulations.