

Publication No. 1
Prepared by: S Stephens

Issue No. 3
Dated: 01/09/2004

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Supersedes Issue No: 2

Dated: 28/08/2004

1) Identification and Supplier Details

Product Name: Fibaroll®

Supplier:

Fiba Tech Industries Ltd
Willmotts Buiseness Park
Waterlip
Somerset
BA4 4RN

Product Description: Glass Reinforced Plastic

Emergency Tel No:

01749 881920

2. Composition

Fibaroll® 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 5 - 15 % w/w Xn R10-20-36/38

3. Hazards Identification

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

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

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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.

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

7. Handling and Storage

Fibaroll® 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.

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

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9. Physical and Chemical Properties

Fibaroll® 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.

Relative Density - 1800 Kg/m³ approx.

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.

11. Toxicological Information

Fibaroll® 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.

12. Ecological Information

13. Disposal Considerations

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

14. Transport Information

Shipping Name: FIBAROLL

Transportation: Non hazardous for transportation

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

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/m³ in compliance with the COSHH regulations.

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Dated: 2/04/2001

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Dated:

1) Identification and Supplier Details

Product Name: Fibagel® Resin Solution

Supplier:

Fiba Tech Industries Ltd
Unit F, The Anglo Trading Est
Shepton Mallet
Somerset
BA4 5BY

Emergency Tel No: 01749 344544

2. Composition

Fibagel® Resin Solution 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 15 - 30 % w/w Xn R10-20-36/38

3. Hazards Identification

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

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

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9. Physical and Chemical Properties

Appearance – Thixotropic Liquid

Odour – Pungent Styrene

Flammability - the material is classified as a Flammable Liquid

Flash Point - 32 Deg C (Styrene)

Relative Density - 1 gm/cm³ approx.

10. Stability and Reactivity

Avoid contact with sources of ignition.

Avoid contact with Peroxides, oxidising agents and metallic halides.

Fibagel U/V 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.

11. Toxicological Information

Fibagel® Resin Solution contain 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.

12. Ecological Information

Marine Hazard

Harmful to Aquatic organisms

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13. Disposal Considerations

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

14. Transport Information

Shipping Name: RESIN SOLUTION

S.I./U.N. No: 1866

Hazard Class: 3 (Flammable Liquid)

Packing Group: III

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

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/m³ in compliance with the COSHH regulations.

The data in this Safety Data Sheet has been supplied as required by the CHEMICAL (HAZARD IDENTIFICATION AND PACKAGING FOR SUPPLY) REGULATIONS 1994, as amended for the purpose of protecting the health and safety of industrial and commercial users who are deemed capable of understanding and acting on the information provided.

Please ensure that it is passed to the appropriate person(s) in your company, who are capable of acting on the information.

NOTE: This data sheet does not constitute a user's assessment of workplace risk as required by HSW Act, COSHH Management of Health and Safety at Work Legislation, or any other Health and Safety Legislation.

The information given in this Safety Data Sheet is based on current knowledge and experience and is intended to describe the products in terms of their health and safety requirements. It should not therefore be construed as guaranteeing specific properties.

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Prepared by: S Stephens

Dated: 5/06/2001

Supersedes Issue No:

Dated:

1) Identification and Supplier Details

Product Name: Fibagel® Polyester Resin Kit

Supplier:

Fiba Tech Industries Ltd
Unit F, The Anglo Trading Est
Shepton Mallet
Somerset
BA4 5BY

Emergency Tel No: 01749 344544

2. Composition

Fibagel® Polyester Resin Kit comprise Polyester Resin in styrene monomer compounded with fillers, glass fibre reinforcement, colouring agents and additives to control, flammability and viscosity in combination with methyl ethyl ketone.

Hazardous Ingredients: Styrene Monomer 601-006-00-0 15 - 30 % w/w Xn R10-20-36/38

3. Hazards Identification

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

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

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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.

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

7. Handling and Storage

Fibagel® polyester resin kit 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-sealed in the original packing material.

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

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9. Physical and Chemical Properties

Appearance – Thixotropic Liquid

Odour – Pungent Styrene

Flammability - the material is classified as a Flammable Liquid

Flash Point - 32 Deg C (Styrene)

Relative Density - 1 gm/cm³ approx.

10. Stability and Reactivity

Avoid contact with sources of ignition.

Avoid contact with Peroxides, oxidising agents and metallic halides.

Fibagel hardens when mixed with peroxides 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.

11. Toxicological Information

Fibagel® Polyester Resin kit contain 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.

12. Ecological Information

Marine Hazard

Harmful to Aquatic organisms

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13. Disposal Considerations

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

14. Transport Information

Shipping Name: Polyester Resin Kit
S.I./U.N. No: 3269
Hazard Class: 3 (Flammable Liquid)
Packing Group: III

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

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/m³ in compliance with the COSHH regulations.

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