



MATERIAL SAFETY DATA SHEET

1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF COMPANY

1.1 Product Name-----Polymeric Coated and Knitted Polyester Geogrid (TGU/TGB)

1.2 Company Identification-----M/s Techfab (India)industries Ltd.

H O - 46/ 47, Maker Chambers VI

Nariman point, Mumbai – 400021

Ph. : 091 - 22 – 2222876224

2. HAZARDS IDENTIFICATION

Not Classified as Dangerous for supply / use. The preparation does not meet the criteria for Classification in accordance with directive 1999/45/EC and Directive 1272/2008/EC

3. COMPOSITION /INFORMATION OF INGREDIENTS :

3.1 Composition:-----Polyester filament yarn - 55 %

Polymeric Coating - 45 %

4. FIRST AID MEASURES

4.1 Inhalation: -----Under normal circumstance, it is not regarded as possible way of exposition.

4.2 Skin Contact ----- Generally, the product is not skin-irritant. Take care of sharp selvedge edges, Deep cuts are possible. Use first aid for cuts. In case of doubt, please call a physician.

4.3 Eye Contact -----Under normal circumstances, it is not regarded as possible way of exposition.

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4.4 Swallowing -----Under normal circumstances, it is not regarded as possible way of Exposition

5. FIRE-FIGHTING MEASURES

- 5.1 Extinguishing Media: -----As appropriate for surrounding fire. Extinguish Preferably foam, Carbon dioxide or dry chemical.
- 5.2 Unsuitable Extinguishing Media-----Don't use water jet or water spray.
- 5.3 Fire Fighting Protective Equipment.----A self contained breathing apparatus and suitable clothing should be worn in fire conditions.

6. ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions: -----Not necessary.
- 6.2 Environmental Exposure Control-----No special measure necessary.
- 6.3 Methods of clean up -----Mechanically absorption.

7. HANDLING AND STORAGE

- 7.1 Handling-----Do not eat, drink, or smoke at the workplace. Wash face and hands before eating, drinking or smoking. Will accumulate static charges that may cause an electric spark (ignition source). Take precautionary measures against static discharges.
- 7.2 Storage-----Keep in a room temperature ,well ventilated place. Keep away from heat and direct sunlight. This product should be kept away from naked flames and other sources of ignition.
- Storage temperature-----Ambient
- Storage life-----Stable at ambient temperature.

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8. EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Components with limiting values which are related to work places and which have to be monitored.
- 8.2 Respiratory equipment-----Not necessary.
- 8.3 Hand protection -----To avoid cuts at hands , it is recommended to wear cut resistant gloves.
- 8.4 Eye Protection-----Safety glasses
- 8.5 Body Protection-----Take care of the measures to avoid cuts.

9. PHYSICAL AND CHEMICAL PROPERTIES

- Form-----Roll (Geogrid wound on a PVC / Paper core)
- Colour----- Black
- Odour-----Odourless
- Decomposition Temp. (°C)-----300 (572°F)
- Boiling Point (°C)-----Not applicable.
- Melting point (°C)----- > 320 °F
- Explosive Properties-----Not explosive.
- Solubility in water-----insoluble.

10. STABILITY AND REACTIVITY

- 10.1 Chemical Stability-----Stable under normal conditions. Decomposes at Temperatures above 300°C.
- 10.2 Condition to avoid-----Heat and sunlight.
- 10.3 Materials to avoid-----Direct contact with open flames, self igniting and Explosive materials

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10.4 Hazardous Decomposition product(s)--Carbon monoxide, Carbon dioxide, Hydro carbonate and Acrid Smoke.

11. TOXICOLOGICAL INFORMATION

In the case of appropriate handling and intended use the product does not cause health Endangering effects according to our experiences and available information.

12. ECOLOGICAL INFORMATION

12.1 Environmental Fate and Distribution—Solid insoluble in water.

12.2 Toxicity-----Low toxicity to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

13.1 Regulatory Information-----Disposal should be in accordance with local, state or legislation.

14. TRANSPORT INFORMATION

14.1 UN number -----The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

14.2 UN proper shipping name-----The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

14.3 Transport hazard class(es)-----The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

14.4 Packing group-----The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

14.5 Environmental hazards-----The product does not constitute a hazardous substance in national / international road, rail, sea and air transport.

14.6 Special precaution for user—None

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15. REGULATORY INFORMATION

15.1 EC Classification-----Not classified as dangerous for supply/use.

15.2 Hazard Symbol-----Not applicable.

15.3 Risk Phrases-----Not applicable.

15.3 Safety Phrases-----Not applicable.

16. OTHER INFORMATION

This Material Safety Data Sheet was prepared in accordance with EC Regulation(EC)No. 1907/2006.

The data describe exclusively safety requirement of our product and rely on the today's conditions of our knowledge.

They represent no warranty of product properties and justify no contractual legal relation.

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