



Safety Data Sheet

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: FR100 FIBER REMAT (50M²)

Chemical Family: Fiberglass

Product Use: Lining

Restrictions on Use: Use as directed by manufacturer

Manufacturer Name: Obaproof Manufacturing Sdn Bhd

Address: Lot 4049, Jalan 2D, Kampung Baru Subang,
Seksyen U6, 40150 Shah Alam, Selangor.

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2. HAZARD IDENTIFICATION

This product is considered as an Article as outlined in OSHA's Hazardous Communication Standard (29 CFR 1910.1200), and thus is not required to have a Safety Data Sheet (SDS). This SDS is prepared and offered at the request of the customer.

3. COMPOSITION/ INFORMATION ON INGREDIENTS

Chemical characterization

Continuous Filament Fiberglass

Component*	CAS #	Weight %
Fiberglass; Glass, continuous filament	65997-17-3	85 – 100

*The above listed components are OSHA hazardous materials which contribute to this products' GHS Hazard Categorization as prescribed in OSHA's Hazard Communication 29 CFR 1910.1200.

4. FIRST AID MEASURES

Inhalation

Symptoms & Effects: No adverse health effects known or expected.

Measures: If symptoms occur, remove victim to fresh air and seek medical attention.



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Skin Contact

Symptoms & Effects: May cause irritation or itching due to surface physical contact.

Measures: Wash skin with mild soap and water. Using warm water may open pores and allow penetration of fibers. Do not rub or scratch affected areas. Remove and wash contaminated clothing before reuse.

Eye Contact

Symptoms & Effects: Eye irritation, stinging, tearing, redness, and swelling of the eyes

Measures: Immediately rinse eyes with water for at least 15 minutes. Remove contact lenses after the initial few minutes and if easy to do so and continue rinsing. Rinse beneath eyelids by holding eyelids apart with clean fingers while rinsing. Seek immediate medical attention.

Ingestion

Symptoms & Effects: Stomach or intestinal irritation may occur

Measures: Rinse mouth with water to remove fibers. Get medical attention if symptoms occur.

5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media: Water spray

Unsuitable Extinguishing Media: None identified

Hazardous Combustion Products: Hydrogen, Carbon monoxide, Carbon dioxide

Protective Equipment for Fire-Fighters: Wear full firefighting turn-out gear (full Bunker gear), and respiratory protection (SCBA).

Precautions for Fire-Fighters: Use water spray to cool fire exposed containers and structures, if this can be done with minimal risk, until fire is out. Avoid spreading of burning material with water used for cooling purposes.

6. ACCIDENTAL RELEASE MEASURES

Protective Equipment: Wear proper garments to prevent skin exposure, such as long-sleeves and pants.

Personal Precautions: Avoid dust formation.

Environmental Precautions: Do not allow discharge into drains, surface waters, or sanitary sewer system. r.

Methods & Materials for Clean-Up: Do not sweep, vacuum spillage and collect in a suitable container for disposal.



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7. HANDLING AND STORAGE

Handling: Avoid dust formation. Keep the work area clean of dusts and fibers released during application. Use vacuum equipment to clean up product. Avoid dry sweeping or using compressed air as these techniques cause dust and fibers to re-enter the air.

Storage: Store in a dry cool place.

Incompatible Materials: None identified

8. EXPOSURE CONTROLS AND PERSONAL PROTECTION

Exposure Limits :

Regulated as a nuisance particulate

Fiberglass CAS # 65997-17-3

ACGIH	Time weighted average (TWA)	3 mg/m ³ Resp. 10mg/m ³ Inhalable
NIOSH	Recommended exposure limit (REL)	5 mg/m ³ Resp. 15mg/m ³ Total

Engineering Controls: Provide sufficient mechanical (general and/or local exhaust) ventilation to maintain exposure below permissible exposure limits. Provide readily accessible eye wash stations and safety showers.

Occupational Exposure Controls: Ensure adequate ventilation, especially in confined areas. Ensure that eyewash stations and safety showers are proximal to the work location. It is ultimately the responsibility of the employer to follow regulatory guidelines established by local authorities.

Protective and Hygiene measures: Wash hands before breaks and immediately after handling product. When using, do not eat, drink, or smoke. In case of clothes contamination, remove and wash contaminated clothing before re-use.

Eye Protection: Recommended to wear safety goggles at all times when using this product. Have a suitable eye wash station or bottle nearby in case of dust exposure and irritation to the eyes.

Hand Protection: Recommended to wear suitable gloves and discard of gloves that show tears, pinholes, or signs of wear. Suitable gloves will be based on product use and the period of use

Skin Protection: Recommended to wear long-sleeved clothing, pants and proper foot covering in order to prevent direct skin contact with the product

Respiratory Protection: A NIOSH-approved air-purifying respirator with an appropriate cartridge and/or filter may be appropriate under certain circumstances where airborne concentrations are expected to exceed exposure limits (if applicable) or if overexposure has otherwise been determined



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9. PHYSICAL AND CHEMICAL PROPERTIES

TECHNICAL DATA:

- Net weight: 100g/m²
- Dimension: Width: 1m
Length: 50m
Thickness: 0.5mm

DOSAGE:

- Angle fillet area: 300mm width
(150mm on floor & 150mm on wall).
- Construction joint: 300mm width
on middle of construction joint.
- Overlap: minimum 50mm
- Planter box height: Full height or
minimum 600mm height.

PACKING: 50m²/roll

10. STABILITY AND REACTIVITY

Reactivity: No decomposition if stored and applied as directed.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: Hazardous reactions and polymerization should not occur if stored and used as directed.

Conditions to Avoid: Excessive heat, Sparks, Flames, Other ignition sources

Incompatible Materials: None Identified

Hazardous decomposition products: Hydrogen, Carbon monoxide, Carbon dioxide



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11. TOXICOLOGICAL INFORMATION

Primary Routes of Exposure: Inhalation, Skin contact, Eye contact, Ingestion

Symptoms Related to Physical, Chemical and Toxicological Characteristics:

Measures of Toxicity:

This material is continuous filament glass fibers that are not respirable. Therefore, have no risk of pulmonary disease.

Carcinogen Claims:

OSHA: No, International Agency for Research on Cancer (IARC): No, Group 3, Not classifiable, ACGIH: **No; A4 [Not Classifiable]**, National Toxicology Program (NTP) Report on Carcinogens: **No**

12. ECOLOGICAL INFORMATION

Ecotoxicity: No data available

Persistence & Degradability: No data available

Bio-accumulative Potential: No data available

Mobility in Soil: No data available

Other Adverse Effects: No data available

Product is not expected to be hazardous to the environment

13. DISPOSAL CONSIDERATIONS

Dispose of in accordance with Federal, State or Local regulations.

Contaminated packaging should be emptied as far as possible before disposal.

14. TRANSPORT INFORMATION

DOT SHIPPING CLASSIFICATION:

This product is not regulated as a hazardous material for transport.

IMDG (Marine) SHIPPING CLASSIFICATION:

This product is not regulated as a dangerous good for transport.

IATA (Air) SHIPPING CLASSIFICATION:

This product is not regulated as a dangerous good for transport.



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15. REGULATORY INFORMATION

All components of this product conform to the following national inventory requirements: US TSCA, EU EINECS and Canada DSL

SARA Title III

Section 302 – Extremely Hazardous Chemicals

The following ingredients are subject to the supplier notification requirements of Section 302 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 37

None Listed

Section 313 – Toxic Chemicals

The following ingredients are subject to the supplier notification requirements of Section 313 of the Superfund Amendments and Reauthorization Act (SARA/EPCRA) and the requirements of 40 CFR Part 37

None Listed

OTHER FEDERAL REGULATIONS

Components of this product are subject to RCRA Hazardous Waste requirements. Clean Air Act (CAA) Hazardous Air Pollutants requirements and OSHA Process Safety Management (PSM) high hazard requirements.

CANADIAN REGULATIONS

WHMIS Classification: Not hazardous

STATE REGULATIONS

California Proposition 65

This product does not contain chemicals known to the state of California to cause cancer, birth defects, and/or other reproductive harm.

Other State Regulations

We are not aware of components of this product being included on the various state hazardous materials lists.

Note: Entries under Section 15 are not intended to be all inclusive of Federal and State laws and regulations. Please consult the appropriate agencies for further clarification of any requirements.



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16. OTHER INFORMATION

Disclaimer: The information provided in this Material Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.