



SAFETY DATA SHEET

RENEWWRAP CARBON FABRICS: ESR CF335, ESR CF600, CF300BD, CF600BD, CF600BX

Section 1. Product and Company Identification

Product Name: RenewWrap® Carbon Fabrics: ESR CF335, ESR CF600, CF300BD, CF600BD, CF600BX
Supplier: GeoTree Solutions | 1733 Majestic Rd, Suite 101, Lafayette, CO 80026 | +1 855.655.6750
Emergency Phone Number: 800.424.9300 (CHEMTREC)
+1 703.741.5970 (Outside the US)
Product Description: Carbon Fiber Fabric
Product Use: Concrete Repairs
Chemical Name or Synonym: N/A

Section 2. Hazards Identification

Classification of the substance or mixture

Eye damage/irritation – Category 2A

Specific target organ toxicity (single exposure) – Category 3

Label Elements:



Hazard Statements:

H319 – Causes serious eye irritation

H335 – May cause respiratory irritation (Inhalation)

Signal Word: Warning

Precautionary Statements:

P304+P340 –IF INHALED Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Emergency Overview: No Known Hazards

Section 3. Composition/ Information on Ingredients

Chemical Name	CAS-No	Weight %
Carbon	7440-44-0	95 – 100
Polyester	25038-59-9	0 – 5
Polyethylene	9002-88-4	0 – 5

Section 4. First Aid Measures



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First Aid Measures for Accidental:

Inhalation: Dust irritates the respiratory system and may cause coughing and difficulties in breathing. If respiratory problems, artificial respiration/oxygen.

Skin Contact: If skin irritation or an allergic skin reaction develops, get medical attention.

Eye Contact: If in eyes, hold eyes open, flood with water for at least 15 minutes and see a doctor.

Ingestion: Give large quantities of water and induce vomiting. Call a physician or poison control center immediately. Only induce vomiting at the instruction of medical personnel. Never give anything by mouth to an unconscious person.

Most important symptoms/effects, acute and delayed: No data available.

Indication of immediate medical attention and special treatment needed: No data available.

Section 5. Fire Fighting Measures

Suitable Extinguishing Media: Water spray, fog, CO₂, dry chemical, or alcohol resistant foam.

Unsuitable Extinguishing Media: No data available.

Special Fire Fighting Procedures: Wear complete firefighting gear and self-contained breathing apparatus to protect against potential harmful and/or irritating fumes. Use water to keep fire exposed containers cool. Do not use high volume water jet on the fire as this may spread the area of the fire.

Special Protective Equipment for Fire-fighters: Firefighters must use standard protective equipment including flame retardant coat, helmet with face shield, gloves, rubber boots, and in enclosed spaces, SCBA.

Specific Hazards Arising from the substance or mixture: No data available.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: No action shall be taken involving any personal risk or without suitable training. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.

Environmental Precautions: Material should not be released into the environment. Prevent product from entering drains.

Methods and Materials for Containment and Cleaning Up: Sweep or gather up material and place in proper container for disposal or recovery. Use vacuuming or wet sweeping methods instead of dry sweeping.

Section 7. Handling and Storage

Precautions for safe handling: Avoid inhalation of dust. Provide adequate ventilation. Dust clouds may be explosive under certain conditions.

Conditions for safe storage including any incompatibilities: Avoid exposing to heat and contact with strong oxidizing substances. Store in a cool place but keep from freezing.

Section 8. Exposure Controls / Personal Protection

Control Parameters (Exposure Limits): No exposure limits for this material.

Appropriate Engineering Control: Minimize dust generation and accumulation. Ventilate as needed to control airborne dust. Use explosion – proof ventilation equipment if airborne dust levels are high. Use explosion-proof ventilation equipment.



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Personal Protective Equipment:

Respiratory Protection: Avoid breathing dust. In case of inadequate ventilation, use respiratory protection.

Eye / Face Protection: Wear safety glasses.

Skin Protection: Wear necessary working or chemical gloves as needed.

Hygiene Measures: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

Additional protective measures: None

Section 9. Physical and Chemical Properties

Physical State:	Solid
Colour:	Black
Odor:	Odorless
Melting Point/ Freezing Point:	3,500°C
Boiling point:	No data available
Flammability (solid, gas):	No data available
Lower and Upper Explosion limits/	
Flammability Limits:	No data available
Flash Point:	No data available
Auto-ignition Temperature:	No data available
Decomposition Temperature:	>250°C
pH:	No data available
Kinematic Viscosity:	No data available
Solubility:	Insoluble in water
Evaporation rate (ether=1):	No data available
Flammability Limits in Air:	No data available
Solubility in other solvents:	No data available
Partition coefficient (n-octanol/water):	No data available
Vapour Pressure:	No data available
Density and/or Relative Density:	1.8 g/ml
Relative Vapour Density:	No data available
Specific Gravity:	No data available
Particle Characteristics:	No data available

Section 10. Stability and Reactivity

Reactivity: Material is stable under normal conditions

Chemical Stability: Material is stable under normal conditions

Possibility of Hazardous reactions: Contact with strong oxidizer or acid liberates poisonous and flammable gas.

Conditions to Avoid: Avoid contact with oxidizing agents. Avoid dust formation. Avoid dust close to ignition sources. Dust clouds may be explosive under certain conditions.

Incompatible Materials / Chemicals: Oxidizing agents.



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Hazardous Decomposition Products: None expected under normal use.

Section 11. Toxicological Information

Information in the likely route of exposure:

Potential Acute Health Effects:

Skin contact: Irritating to skin.

Eye contact: Irritating to eyes.

Acute Toxicity

LD50 (Rat) >10,000 mg/kg

Symptoms related to the physical, chemical and toxicological characteristics:

Target organs: No data available

Mutagenicity: No data available

Carcinogenicity: Not known to cause cancer

Reproductive Toxicity: Not known to harm the unborn child, cause effects on sexual function or fertility or cause effects on or via lactation.

Tetratogenicity: No data available

Specific Target Organ Toxicity - single exposure (STOT-se): LD 50 in Mouse. Intravenous Exposure at 440 mg/kg

Specific Target Organ Toxicity - repeated exposure (STOT-re): No data available

Over-exposure signs / symptoms: No data available

Delayed and immediate effects and also chronic effects from short and long-term exposure:

Short term exposure: No data available.

Long term exposure: No data available

Respiratory and/or Skin Sensitization No data available

Numerical measures of toxicity: No data available

Delayed and immediate effects and also chronic effects from short and long-term exposure: There are no known health effects from the long-term use or contact, with non-respirable continuous filament fibers.

Section 12. Ecological Information

Ecotoxicity Effects: No information available

Persistence and degradability: No information available

Bioaccumulative potential: No information available

Mobility in soil: No information available

Results of PBT and vPvB assessment: No information available

Section 13. Disposal Considerations

Waste treatment methods: Dispose of waste at an appropriate treatment and disposal facility in accordance with applicable laws and regulations, and product characteristics at time of disposal.

Uncleaned packaging: Uncleaned empty containers should be disposed of in the same manner as the contents.

Section 14. Transport Information



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DOT: Not Regulated
IATA: Not Regulated
IMDG: Not Regulated

Section 15. Regulatory Information

Safety, health and environmental regulations/legislation specific for the substance or mixture:

US. TSCA: On TSCA Inventory
DSL: All other components are on the Canadian DSL list or are not required to be listed
AICS: Not in compliance with the inventory
NZIoC: Not in compliance with the inventory
ENCS: On the inventory, or in compliance with the inventory
KECI: Not in compliance with the inventory
PICCS: Not in compliance with the inventory
IECSC: On the inventory, or in compliance with the inventory

Section 16. Other Information

Key Legend Information:

CAS – Chemical Abstracts Service
OSHA – Occupational Safety and Health Administration
NIOSH – National Institute for Occupational Safety and Health

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