



GHS Safety Data Sheet

SDS

LSC Environmental Products, LLC
Issue Date: August 8, 2016

EarthGuard® Fiber Matrix

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1 Identification

Supplier LSC Environmental Products, LLC
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Product Name **EarthGuard® Fiber Matrix**
Description: Green dyed wood fibers and proprietary binding agent.
CAS Number: Not applicable.
Recommended Use: Erosion control mulch for soil stabilization and hydraulic seeding.

2 Hazards Identification

Chemical Classification: Not applicable

Potential Health Effects: Eye: Wood dust may irritate eyes.
Skin: Wood dust may cause irritation. Skin absorption is not known to occur.
Inhalation: Wood may cause sneezing, irritation, and dryness of the throat and nose. Dust may aggravate pre-existing respiratory conditions.

Potential Physical/Chemical Effects: Spills produce extremely slippery surfaces.

Statement of Hazard: OSHA classification wood dust is a hazardous substance as defined by the Hazard Communication Standard 29CFR1910.1200.

3 Composition / Information on Ingredients

Chemical Name: Green dyed wood fibers and proprietary binding agent.
Regulated Components: None

4 First-Aid Measures

Eye: Rinse thoroughly with plenty of water, also under eyelids. Seek medical attention if irritation develops and persists.

Skin: Wash off immediately with soap and plenty of water. Seek medical attention if irritation develops and persists.

Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical attention immediately.



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Inhalation: Move to fresh air immediately. No hazards which require special first-aid measures.

5 Fire Fighting Measures

Suitable Extinguishing Media: Water, water spray, foam, carbon dioxide (CO₂), dry powder
Precautions: Spills produce extremely slippery surfaces
Special Protective Equipment: No special protective equipment required.
Flash Point (°C): >550F
Auto Ignition Temperature (°C): Does not ignite

6 Accidental Release Measures

Personal Precaution: No special precautions required. Wear adequate personal protective equipment (see Section 8: Exposure Controls/ Personal Protection). Keep people away from spill/leak.
Cleanup: Sweep up spills and place in a waste disposal container. Flush area thoroughly with water and scrub to remove residue.
Environmental Precautions: As with all chemical products, do not flush into surface water. Spills become very slippery when wet.

7 Handling and Storage

Handling: Safe Handling advice: Avoid contact with skin and eyes. When preparing the working solutions ensure there is adequate ventilation. When using do not smoke.
Storage: Keep in a cool, dry place (0 – 30 °C). Keep away from heat and sources of ignition. To avoid product degradation and equipment erosion, do not use iron, copper or aluminum containers or equipment.

8 Exposure Controls / Personal Protection

Hygiene Measures: Handle in accordance with good industrial hygiene and safety practice. When using do not eat, drink or smoke. Wash hands before breaks and at the end of the work day.
Engineering Controls: Use local exhaust if misting occurs. Natural ventilation is adequate in absence of mists.
Personal Protective Equipment:
Eye Protection: Safety glasses with side-shields. Do not wear contact lenses where this product is used.
Respiratory Protection: Not required; except in case of aerosol formation.



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Hand Protection:

PVC or other plastic material gloves.

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9 Physical and Chemical Properties

Appearance:	Wood Fibers
Odor:	Mild wood odor
Color:	Dyed green wood fibers
pH:	Not applicable
Specific Gravity:	Lighter than water
Bulk Viscosity:	
Melting Point/Range:	Not applicable
Auto Ignition Temperature (°C):	Not applicable
Vapor Pressure (mm Hg):	Not applicable
Flash Point:	>550F
Kinematic Viscosity @ 40° C (mm ² /s):	

10 Stability and Reactivity

Stability:	Hazardous polymerization does not occur. Stable.
Hazardous Decomposition Products:	Thermal decomposition may produce. Nitrogen oxides (NO _x). Carbon dioxides (CO _x). Ammonia. Hydrogen cyanide (hydrocyanic acid) may be produced in the event of combustion in an oxygen deficient atmosphere
Materials To Avoid:	Oxidizing agents may cause exothermic reactions.

11 Toxicological Information

Acute Toxicity:	This product contains no OSHA regulated (hazardous) components.
Inhalation:	Slightly irritating with susceptible persons.
Irritation:	Skin: Slightly irritating Eyes: May cause eye irritation with susceptible persons.
Sensitization:	Not sensitizing.
Chronic Toxicity:	No chronic effects.

12 Ecological Information

Degradation Potential:	All material is degradable.
Chemical Oxygen Demand:	0.38 mg 2/mg
OCTANL/H ₂ O PARTITION COEF:	Not available.



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13 Disposal Considerations

Disposal: Dispose of in accordance with local, state and federal regulations.

14 Transportation Information

US DOT: Not classified as dangerous in the meaning of DOT regulations.
IMDG/IMO: Not classified as dangerous in the meaning of IMO/IMDG regulations.
ICAO/IATA: Not classified as dangerous in the meaning of ICAO/IATA regulations.

15 Regulatory Information

US SARA Reporting Requirements: SARA (Section 311/312) hazard class: Not concerned.
International Inventories USA (TSCA): All components of this product are either listed on the inventory or are exempt from listing.
Canada (DSL): All components of this product are either listed on the inventory or are exempt from listing.
California Proposition 65 Information: WARNING! This product contains a chemical known to the State of California to cause cancer and birth defects or other reproductive harm, Acrylamide

16 Other Information

SDS Status: SDS created on 11/14/13

NFPA and HMIS Ratings:
NFPA:
HMIS:


Health: 1, Flammability: 1, Reactivity: 0
Health: 1, Flammability: 1, Physical Hazard: 0




All information presented herein is believed to be accurate; however, it is the user's responsibility to determine in advance of need that the information is current and suitable for their circumstances.

No warranty or guarantee, expressed or implied, is made by LSC Environmental Products, LLC as to this information or as to the safety, toxicity, or effect of the use of this product.

Normal Conditions: Maximum Rainfall of < 20" (480 mm) before adequate vegetative establishment

	≤ 4 to 1 Slope		3 to 1 Slope		2 to 1 Slope		≥ 1 to 1 Slope	
	Per Acre	Per Ha	Per Acre	Per Ha	Per Acre	Per Ha	Per Acre	Per Ha
EarthGuard Fiber Matrix	1500 LB	1680 KG	1800 LB	2020 KG	2000 LB	2245 KG	3000 LB	3355 KG
OR								
EarthGuard Liquid	4-6 GALS	37-56 LITERS	7 GALS	66 LITERS	8 GALS	75 LITERS	10 GALS	94 LITERS
Mulch	1500 LB	1680 KG	1800 LB	2020 KG	2000 LB	2245 KG	3000 LB	3355 KG

Severe Conditions: Maximum Rainfall of > 20" (480 mm) before adequate vegetative establishment

	≤ 5 to 1 Slope		4 to 1 Slope		≥ 3 to 1 Slope	
	Per Acre	Per Ha	Per Acre	Per Ha	Per Acre	Per Ha
EarthGuard Fiber Matrix	2000 LB	2245 KG	2500 LB	2800 KG	3000 LB	3355 KG
OR						
EarthGuard Liquid	6 GALS	56 LITERS	8 GALS	75 LITERS	10 GALS	94 LITERS
Mulch	2000 LB	2245 KG	2500 LB	2800 KG	3000 LB	3355 KG