

MSDS *Material Safety Data Sheet*

PROFILE Products, LLC



SoilCover®Cellulose

MSDS Number: LIM040

Revision Date: 7/16/09

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1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

PROFILE Products, LLC
750 LAKE COOK ROAD
SUITE 440
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Contact:

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Product Name: SoilCover®Cellulose
Revision Date: 7/16/09
MSDS Number: LIM040
CAS Number: Not applicable
Product Use: Erosion control mulch for hydraulic seeding

Product Description: Green dyed cellulose fibers from shredded waste paper sources

2 HAZARDS IDENTIFICATION

Route of Entry: Inhalation, skin contact, eye contact
Target Organs:
Inhalation: Cellulose dust may cause sneezing, irritation, and dryness of the nose and throat. Dust may aggravate pre-existing respiratory conditions.
Skin Contact: Cellulose dust can cause irritation. Skin absorption is not known to occur.
Eye Contact: Cellulose dust can irritate the eyes.
Ingestion: No reports of human ingestion.

NFPA-ratings (scale 0-4): Health = 1, Fire = 2, Reactivity = 0

OSHA Classification: Cellulose dust is a hazardous substance as defined by the Hazard Communication Standard 29CFR 1910.1200

3 COMPOSITION/INFORMATION ON INGREDIENTS

Ingredients:

Cas #	Perc.	Chemical Name
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4 FIRST AID MEASURES

Inhalation: Usually not a problem. Remove to fresh air if respiratory irritation develops, and get medical aid promptly if irritation persists.

Skin Contact: Usually not a problem. Wash off with running water if irritation is experienced.

Eye Contact: Open eyelids and flush with water.

Ingestion: Get medical attention.

5 FIRE FIGHTING MEASURES

Flash Point: Not applicable

Flash Point Method: Not applicable

Autoignition Temperature: 200-206°C (400-500°F)

Flammability Classification: Combustible product

Conditions to avoid: In contact with flames or hot surfaces

Flammable- Extinguish with water; same as a wood fire

6 ACCIDENTAL RELEASE MEASURES

Scoop up product. Wear goggles and respirator if dust is produced in unventilated areas. Wet product will be slippery.

7 HANDLING AND STORAGE

Handling Precautions: Clean up areas where dust settles. Minimize blowdown or other practices that generate high airborne dust concentrations.

Storage Requirements: Store in a cool, dry place. Keep away from sources of ignition.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: None required for outdoor mixing and application. Use dust collection system for indoor handling operations.

Protective Equipment:

- Eye Protection: Wear goggles when emptying bags and during other operations where there is a risk of dust entering the eyes.
- Gloves: Leather, plastic or rubber gloves could be worn to minimize skin irritation.
- Respirators: When handling methods generate dust at concentrations that exceed occupational exposure limits, wear a NIOSH approved respirator. A fabric respirator or a facepiece respirator with dust cartridges will generally provide adequate protection.
- Footwear: The product is slippery when wet. Wear appropriate footwear.

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9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dyed, green paper fibers - Shredded waste paper	Boiling Point:	
Physical State:	Cellulose Fibers	Freezing/Melting Pt.:	
Odor:	Mild wood odor	Solubility:	
pH:		Spec Grav./Density:	lighter than water
Vapor Pressure:	N/A		
Vapor Density:			

10 STABILITY AND REACTIVITY

Stability:	Stable product
Conditions to avoid:	Contact with strong acids and oxidizers may generate heat. Product may ignite at temperatures in excess of 200°C (400°F).
Materials to avoid (incompatibility):	Strong acids and oxidizers
Hazardous Decomposition products:	
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

EFFECTS OF CHRONIC EXPOSURE:

Inhalation: Frequent and repeated exposure to wood dust is associated with an increased risk of developing nasal cancer.
Skin Contact: Although rare, wood dust may cause dermatitis in sensitized people.

Particulates Not Otherwise Regulated (PNOR): OSHA: PEL-TWA 15 mg/m³ (Total Dust);
5 mg/m³ (Respirable fraction)

Irritancy: Cellulose could be a mild irritant.
Sensitization: Some cellulose dusts may cause allergic skin reactions.

12 ECOLOGICAL INFORMATION

96-hr Survival LC₅₀ = >100% for *Daphnia magna* when runoff generated using ASTM D7101 (4"/hr rainfall rate) was tested according to EPA-821-R-02-012.

13 DISPOSAL CONSIDERATIONS

Normally can be disposed of as a wood residue. Ensure disposal is in compliance with local, provincial (state), and federal regulations.



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14 TRANSPORT INFORMATION

DOT Class: Not regulated #

15 REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

REGULATORY KEY DESCRIPTIONS -----

MASS = MA Massachusetts Hazardous Substances List
NRC = Nationally Recognized Carcinogens
OSHA WAC = OSHA Workplace Air Contaminants
PA = PA Right-To-Know List of Hazardous Substances
TXAIR = TX Air Contaminants with Health Effects Screening Level

CERCLA = Superfund clean up substance
CSWS = Clean water Act Hazardous substances
EHS302 = Extremely Hazardous Substance
EPCRAWPC = EPCRA Water Priority Chemicals
HAP = Hazardous Air Pollutants
NJEHS = NJ Extraordinarily Hazardous Substances
NJHS = NJ Right-to-Know Hazardous Substances
OSHA PSM = OSHA Chemicals Requiring process safety management
SARA313 = SARA 313 Title III Toxic Chemicals

16 OTHER INFORMATION

END OF MSDS DOCUMENT