

ProMatrix®

MSDS Number: CON069

Revision Date: 4/17/12

Page 1 of 5

1 PRODUCT AND COMPANY IDENTIFICATION

Manufacturer

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Product Name: ProMatrix®
Revision Date: 4/17/12
MSDS Number: CON069
CAS Number: Not applicable
Product Use: Erosion control and revegetation mulch for hydraulic seeding

Product Description: Green dyed wood fibers, man-made biodegradable fibers, minerals and a proprietary binder mixture.

2 HAZARDS IDENTIFICATION

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

OSHA Classification: Wood 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
14808-60-7	<.025%	silica, crystalline quartz
N/A		Proprietary Polysaccharide Based Tackifier

ProMatrix®

MSDS Number: CON069

Revision Date: 4/17/12

Page 2 of 5

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. In high dust levels wear dust mask.

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

Flammability: Combustible product

Flash Point: Not applicable

Flash Point Method: Not applicable

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

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.

Personal Protective Equip: 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.

ProMatrix®

MSDS Number: CON069

Revision Date: 4/17/12

Page 3 of 5

9	PHYSICAL AND CHEMICAL PROPERTIES
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Appearance:	Dyed green wood fibers - Pine & mixed hardwoods		
Physical State:	Wood Fibers	Odor:	Mild wood odor
Spec Grav./Density:	lighter than water		
Vapor Pressure:	N/A		

10	STABILITY AND REACTIVITY
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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:	Strong acids and oxidizers		
Hazardous Polymerization:	Will not occur.		

11	TOXICOLOGICAL INFORMATION
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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.

Occupational Exposure Limits:

Wood dusts- All other species: ACGIH (2007): TLV-TWA 1 mg/m³ (Inhalable fraction); A4
 Particulates Not Otherwise Regulated (PNOR): OSHA: PEL-TWA 15 mg/m³ (Total Dust); 5 mg/m³ (Respirable fraction)

Irritancy: Wood dust is a mild irritant
 Sensitization: Some wood dusts may cause allergic skin reactions

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

ProMatrix®

MSDS Number: CON069

Revision Date: 4/17/12

Page 4 of 5

14

TRANSPORT INFORMATION

DOT Class: Not regulated #

15

REGULATORY INFORMATION

COMPONENT / (CAS/PERC) / CODES

*silica, crystalline quartz (14808607 <.025%) MASS, NRC, OSHAWAC, PA, TSCA, TXAIR

REGULATORY KEY DESCRIPTIONS -----

MASS = MA Massachusetts Hazardous Substances List
NRC = Nationally Recognized Carcinogens
OSHA = 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 = OSHA Chemicals Requiring process safety management
SARA313 = SARA 313 Title III Toxic Chemicals

TSCA = Toxic Substances Control Act

SDS

GHS Safety Data Sheet

PROFILE Products, LLC



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Revision Date: 4/17/12

Page 5 of 5

16	OTHER INFORMATION
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