



Profile® SB 50/50 with Tack

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Profile® SB 50/50 with Tack
SDS Number: LIM107
Revision Date: 1/17/2022
CAS Number: Not applicable
Product Use: Erosion control and revegetation mulch for hydraulic seeding

Supplier Details: PROFILE Products, LLC
 750 LAKE COOK ROAD, SUITE 440
 BUFFALO GROVE, IL 60089

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Product Description: Green dyed wood and cellulose fibers with a proprietary binder.

2 HAZARDS IDENTIFICATION

Classification of Substance

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):
None, None, None

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **NONE**

GHS Hazard Pictograms:

No GHS pictograms indicated for this product

GHS Hazard Statements:

H000 - None

GHS Precautionary Statements:

No GHS precautionary statements indicated

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

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 & paper dust can cause irritation. Skin absorption is not known to occur.

Eye Contact: Wood & paper 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

Chemical Ingredients:		
CAS#	%	Chemical Name:
0	Proprietary	Hydrocolloidal Based Polysacchride Tackifier
9000300	Proprietary	Guar Gum
0		Proprietary Blend of Non-Hazardous Materials

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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.

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FIRE FIGHTING MEASURES

Flammability:	Combustible product
Flash Point:	Not applicable
Flash Point Method:	Not applicable
Autoignition Temp:	200-260°C (400-500°F)
Conditions to avoid: In contact with flames or hot surfaces	
Flammable- Extinguish with water; same as a wood fire	

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ACCIDENTAL RELEASE MEASURES

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

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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.

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EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls:	None required for outdoor mixing and application. Use dust collection system for indoor handling operations.
Personal 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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PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Dyed, green wood & paper fibers - Pine, mixed hardwoods & shredded paper		
Physical State:	Wood/Paper Fibers	Odor:	Mild wood odor
Specific Gravity or Density:	Lighter than water		
Vapor Pressure:	N/A		

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STABILITY AND REACTIVITY

Chemical 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.

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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.

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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Guar Gum (CAS# 9000-30-0) is listed as an inert ingredient permitted for use in nonfood use pesticide products by EPA. It is also classified under the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) as a minimal risk inert substance (List 4A) meaning that as a pesticide, Guar Gum is considered by the EPA to pose little or no risk to humans or the environment. The US Department of Agriculture (USDA) National Organic Program (NOP) also allows the use of Guar Gum in a variety of applications, but primarily as a pesticide in organic production operations. Finally, Guar Gum is listed on the Generally Recognized as Safe (GRAS) list by the Food and Drug Administration (FDA).

48-hr LC₅₀ = >100% for Daphnia magna when runoff generated using ASTM D7101 (2"/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.

14	TRANSPORT INFORMATION
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Non-hazardous for air, sea and road freight.

15	REGULATORY INFORMATION
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Component (CAS#) [%] - CODES

Hydrocolloidal Based Polysacchride Tackifier (0) [Proprietary]

Guar Gum (9000300) [Proprietary] TSCA

Proprietary Blend of Non-Hazardous Materials (0) [n/a%]

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

Regulatory CODE Descriptions

TSCA = Toxic Substances Control Act

16	OTHER INFORMATION
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Disclaimer:

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

