



## Profile® SB 50/50 with Tack

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## 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

**Contact:** ChemTrec Acct #: CCN792719  
**Phone:** (847) 215-1144  
**Fax:** (847) 215-0577  
**Email:** tech@profileproducts.com  
**Internet:** www.profileproducts.com  
**Emergency:** Emergency Phone: (800) 424-9300 (ChemTrec)

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

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## 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

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## 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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| 4 | <b>FIRST AID MEASURES</b> |
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**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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| 5 | <b>FIRE FIGHTING MEASURES</b> |
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**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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| 6 | <b>ACCIDENTAL RELEASE MEASURES</b> |
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Scoop up product. Wear goggles and respirator if dust is produced in unventilated areas. Wet product will be slippery.

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| 7 | <b>HANDLING AND STORAGE</b> |
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**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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| 8 | <b>EXPOSURE CONTROLS/PERSONAL PROTECTION</b> |
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**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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| 9 | <b>PHYSICAL AND CHEMICAL PROPERTIES</b> |
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**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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| 10 | <b>STABILITY AND REACTIVITY</b> |
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**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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| 11 | <b>TOXICOLOGICAL INFORMATION</b> |
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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/m<sup>3</sup> (Inhalable fraction); A4

Particulates Not Otherwise

Regulated (PNOR): OSHA: PEL-TWA 15 mg/m<sup>3</sup> (Total Dust);  
5 mg/m<sup>3</sup> (Respirable fraction)

Irritancy: Wood dust is a mild irritant

Sensitization: Some wood dusts may cause allergic skin reactions

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| 12 | <b>ECOLOGICAL INFORMATION</b> |
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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 LC<sub>50</sub> = >100% for Daphnia magna when runoff generated using ASTM D7101 (2"/hr rainfall rate) was tested according to EPA-821-R-02-012.

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| 13 | <b>DISPOSAL CONSIDERATIONS</b> |
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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.

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| 14 | <b>TRANSPORT INFORMATION</b> |
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Non-hazardous for air, sea and road freight.

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| 15 | <b>REGULATORY INFORMATION</b> |
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Component (CAS#) [%] - CODES

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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

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TSCA = Toxic Substances Control Act

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| 16 | <b>OTHER INFORMATION</b> |
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GEOSYNTHETICS

## LOCATIONS & CONTACT INFO

### ASP ENTERPRISES

aspent.com  
salesasp@aspent.com

### BOWMAN CONSTRUCTION SUPPLY

bowmanconstructionsupply.com  
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**Wichita, KS** 316.393.1554

**Denver, CO** 303.696.8960  
**Colorado Springs, CO** 719.257.7840  
**Loveland, CO** 970.535.0863

**Des Moines, IA**  
515.289.1271

**Portland, OR**  
971.339.1020

## SOLUTIONS WE SUPPLY

### GEOSYNTHETICS

Filter Fabrics

Stabilization Fabrics

Geogrids

- Road Grids
- Wall Grids
- Slope Stabilization

Specialty Fabrics

Composite Geomembranes

- GCLs, PVC, HDPE, LLDPE, EPDM, Granular Bentonite

### SEDIMENT CONTROL

Inlet Protection

- Grated Inlet, Curb Inlet, Area Inlet Protection

Ditch Checks

- Triangle Silt Dike
- GeoRidge

Perimeter Protection

- High and Low-Porosity Silt Fence, Straw Wattles, Silt Socks
- Safety Fence

Flocculants & Water Treatment

- Polymer-Based & Natural Flocculants

Sediment Basin Skimmers

Dewatering Bags

Trackout Control

- FODS
- Rumble Grates

Turbidity Curtains

### EROSION CONTROL

Basic Hydraulically Applied Mulches

- Wood
- Paper
- Blends
- Straw

High-Performance Hydraulically

Applied Products

- BFM
- FGM
- Additives & Tackifiers

Temporary Erosion Control Blankets

- Coir & Jute Mat/Nettings
- Short-Term ECBs
- Extended-Term ECBs

Permanent Erosion Control Blankets

- Turf Reinforcement Mats
- HP-TRMs
- Anchor Reinforced Vegetation System

Structural BMPs

- Transition Mats
- Geoweb Cellular Confinement
- Composite Vegetated Armor System
- Flex MSE Vegetated Wall System
- Articulated Concrete Block
- Gabions
- Grout-Filled Geotextile Mats

Vegetation Establishment

- Native Seed & Turf Seed
- Fertilizers
- Organic Soil Additives
- Stratavault Soil Cells

### STORMWATER MANAGEMENT

Water Quality

- Inlet Filter Boxes
- Pre-Treatment Chamber
- Nutrient Separating Baffle Boxes
- High-Flow Biofiltration Media
- Hydrodynamic Separators
- Stratavault

Water Quantity

- Modular Underground Storage Systems
- Chamber Detention Systems

Drainage

- HDPE Swale Liner
- Pipe & Fittings
- Drainage Composites
- Strip Drain

Inlet Structures

- PVC
- Drain Basins, In-Line Drains
- Landscape

Permeable Pavers

- Permeable Articulating Concrete Block
- Grass Pavers
- Gravel Pavers
- Concrete Pavers

### SPECIALTY

Natural & Synthetic Coir Fiber Logs

Vegetated Reinforced Soil Slopes

Soil Anchors

Root Barrier System

AquaBlok

Muscle Wall

We are full line distributors of construction materials for all project types. Contact us for assistance with a project. From specification and development to installation and completion, we're here to help with all of your site solution needs.

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