Safety Data Sheet

Section 1 - Chemical Product and Company Identification

Product: Biobarrier Pot ‘N Pot
EPA Registration No.: 59823-1
Chemical Family: Thermoplastic Polyolefin
Manufacturer Information: Fiberweb, Inc
70 Old Hickory Blvd.
Old Hickory, TN 37138

Company Contact: Jim Reynolds
Telephone Number: 1-615-847-7501 (8AM-5PM M-F Central Time)
Emergency Phone Contact: Chemtrec (24 Hours)
Emergency Phone Number: 1-800-424-9300

Section 2 - Hazards Identification

Irritant
Hazardous to the Aquatic Environment

Emergency Overview
Signs and symptoms of exposure: coughing or wheezing.

Route of Exposure-Skin
Irritant and may cause skin sensitization.

Route of Exposure-Eye
Irritant. Causes moderate eye irritation.

Route of Exposure -Ingestion
Harmful if swallowed

Route of Exposure-Inhalation
Harmful if inhaled

HMIS Ratings
Health: 1  Fire: 1  Reactivity: 0  Personal Protection: A
Hazard Scale: 0=Minimal 1=Slight 2=Moderate 3=Serious 4=Severe
*=Chronic Hazard
Section 3 - Composition

<table>
<thead>
<tr>
<th>CAS#</th>
<th>Component</th>
<th>Percent</th>
</tr>
</thead>
<tbody>
<tr>
<td>9003-07-0</td>
<td>Polypropylene*</td>
<td>&gt;20%</td>
</tr>
<tr>
<td>9002-88-4</td>
<td>Polyethylene</td>
<td>&lt;45%</td>
</tr>
<tr>
<td>1582-09-8</td>
<td>Trifluralin</td>
<td>&lt;20%</td>
</tr>
<tr>
<td>1333-86-4</td>
<td>Carbon Black</td>
<td>&lt;15%</td>
</tr>
</tbody>
</table>

*Contains Pigment Masterbatch: <1%; UV Stabilizer: <3%

Section 4 - First Aid Measures

First Aid-Skin
Take off contaminated clothing. Rinse skin immediately with plenty of water for 15-20 minutes. Call a poison control center or doctor for treatment advice.

First Aid-Eye
Hold eyes open and rinse slowly and gently with water for 15-20 minutes. Remove contact lenses, if present, after 5 minutes, then continue rinsing eye.

First Aid-Ingestion
Call a poison control center or doctor immediately for treatment advice. Sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control center or doctor. Do not give anything by mouth to an unconscious person.

First Aid-Inhalation
Move person to fresh air. If person is not breathing, call 911 or ambulance, then give artificial respiration, preferably mouth-to-mouth. Call a poison control center or doctor for treatment advice.

First Aid-Notes to Physician
No health conditions aggravated by exposure are identified. Contact the poison control center if any problem occurs.

Section 5 - Fire Fighting Measures

Flash Point: Not Applicable  Method Used: Not Applicable  Flammability Classification: Not Applicable
Auto Ignition: Not Applicable  Lower Explosive Limit (%): Not Applicable  Upper Explosive Limit (%): Not Applicable
General Fire Hazards
Solid material may burn upon extended exposure to open flames.
Hazardous Combustion Products
Upon decomposition this product may emit carbon dioxide, carbon monoxide and/or low molecular weight hydrocarbons.
**Extinguishing Media**
Water spray, foam, carbon dioxide, or dry chemical

**Fire Fighting Equipment/Instructions**
As in any fire, wear a self-contained breathing apparatus and full protective gear.

**NFPA Ratings**
Health: 1  Fire: 1  Reactivity: 0
Hazard Scale: 0=Minimal  1=Slight  2=Moderate  3=Serious  4=Severe

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**Section 6 - Accidental Release Measures**

**Containment Procedures**
Sweep waste fabric into a pile.

**Clean-Up Procedures**
Sweep waste fabric into a waste container and recycle, incinerate or landfill in conformity with local disposal regulations.

**Evacuation Procedures**
Not Applicable

**Special Procedures**
None

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**Section 7 - Handling and Storage**

**Handling Procedures**
Avoid exposure to heat, sparks or open flames.
Use care in stacking and storing to avoid damage to product.

**Storage Procedures**
Store material away from direct sunlight in a cool (below 60°C), dry warehouse that is equipped with a sprinkler system.
Ensure product is not stacked too high.
To prevent water damage, store product off the floor.
Avoid direct exposure to UV light.
Avoid exposure to corrosive substances.
Limit exposure to petroleum powered engine exhaust.
Section 8 - Exposure Controls/Personal Protection

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>Exposure Limits</th>
</tr>
</thead>
</table>
| Polypropylene | 9003-07-0 | ACGIH TLV-TWA: None Available  
OSHA PEL: None Available |
| Polyethylene | 9002-88-4 | ACGIH TLV-TWA: None Available  
OSHA PEL: None Available |
| Trifluralin  | 1582-09-8 | ACGIH TLV-TWA: None Available  
OSHA PEL: None Available |
| Carbon Black | 1333-86-4 | ACGIH TLV-TWA: 3.5mg/m³ Total/Nuisance Dust  
OSHA PEL: 3.5mg/m³ Total Dust |

**Engineering Controls**
Normal room ventilation is usually adequate.

**Personal Protective Equipment**

- **Personal Protective Equipment-Eyes/face**
  None usually required

- **Personal Protective Equipment-Skin**
  Wear long sleeved shirt, long pants, shoes, socks and chemical resistant gloves such as or made of any waterproof material.

- **Personal Protective Equipment-Respiratory**
  None usually required

- **Personal Protective Equipment-General**
  Follow individual plant safety rules.

Section 9 - Physical & Chemical Properties

- **Appearance:** Yellow-Green Fabric with Black Nodules
- **Physical State:** Solid
- **Vapor Pressure:** 13.7 mPa @ 25°C
- **Boiling Point:** Not Applicable
- **Solubility (H2O):** 0.2ppm @ 25°C
- **Vapor Density:** Not Applicable
- **Packing Density:** Not Applicable

**Odor:** Aromatic (Solvent)
**pH:** Not Applicable

**Evaporation Rate:** Not Applicable
**Melting Point:** >48.5°C
**Specific Gravity:** Not Applicable
**Percent Volatiles:** NIL

Section 10 - Chemical Stability & Reactivity Information

**Chemical Stability**
Under ordinary conditions of use and storage the product is stable.
Conditions to Avoid
Combustible when exposed to open flames. Avoid chlorine, fluorine, and other strong oxidizers.

Incompatibility
None Known

Hazardous Decomposition
Carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbon may be emitted upon decomposition.

Hazardous Polymerization
Will not occur

Section 11 - Toxicological Information

Acute and Chronic Toxicity

General Product Information
No additional information.

Component Analysis

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>LD_{50}/LC_{50}</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polypropylene</td>
<td>9003-07-0</td>
<td>No information available</td>
</tr>
<tr>
<td>Polyethylene</td>
<td>9002-88-4</td>
<td>No information available</td>
</tr>
<tr>
<td>Trifluralin</td>
<td>1582-09-8</td>
<td>Rat: LD_{50}: Route: Acute Oral Toxicity: &gt;4000 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rabbit: LD_{50}: Route: Acute Dermal Toxicity: &gt;2000 mg/kg</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Rat: LD_{50}: Route: Acute Inhalation Toxicity: LC_{50} (rat): &gt;4.65 mg/L (4 hours)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Skin Irritation: Mildly irritating (rabbit)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Eye Irritation: Mildly irritation (rabbit)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Sensitization: Mild sensitizer (guinea-pig)</td>
</tr>
<tr>
<td>Carbon Black</td>
<td>1333-86-4</td>
<td>No information available</td>
</tr>
</tbody>
</table>

Carcinogenicity

General Product Information
Carbon black has been evaluated by IARC as possibly carcinogenic to humans (Group 2B). NIOSH recommends that only carbon black with PAH>1% be suspected carcinogens. The ACGIH classifies carbon black as A4, Not Classifiable as Human Carcinogen.

Epidemiology
No information available.

Neurotoxicity
No information available.

Mutagenicity
No information available.

Teratogenicity
No information available.
Other Toxicological Information
Specific toxicity testing has not been performed on this product. Hazard evaluation is based on information from similar products, raw material data, and technical literature.

Section 12 - Ecological Information

Ecotoxicity
General product Information
Trifluralin (CAS # 1582-09-8) is very toxic to aquatic organisms, and may cause long-term adverse effects in the aquatic environment.

Environmental Fate
Trifluralin (CAS # 1582-09-8) has low mobility in soil and can be absorbed in soils with high organic content. Trifluralin (CAS # 1582-09-8) is moderately persistent in soil with a half-life time of approximately 45 days. Degradation is primarily via microorganisms.

Section 13 - Disposal Considerations

US EPA Waste Number & Descriptions
General Product Information
None identified.
Component Waste Numbers
No EPA Waste Numbers are applicable for this product’s components

Disposal Instructions
Trifluralin (CAS # 1582-09-8) should be disposed of in a pesticide approved landfill or in a chemical incinerator equipped with scrubbers, in accordance with federal, state and local requirements. Processing, use or contamination of this product may change the waste management options.

Section 14 - Transportation Information

Transportation Regulations
Product is not regulated for transportation.

Section 15 - Regulatory Information

US Federal Regulations
General Product Information
No additional information.
Component Analysis-Federal

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>SARA 302 (40CFR355 APPX A)</th>
<th>SARA 313 (40CFR372.65)</th>
<th>CERCLA (40CFR302.4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polypropylene</td>
<td>9003-07-0</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Polyethylene</td>
<td>9002-88-4</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Trifluralin</td>
<td>1582-09-8</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Carbon Black</td>
<td>1333-86-4</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

State Regulations

General Product Information
Other state regulations may apply. Check individual state requirements.

Component Analysis-State
The following components appear on one or more of the following state hazardous substances list:

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>CA Prop 65</th>
<th>FL</th>
<th>MA</th>
<th>MN</th>
<th>NJ</th>
<th>PA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polypropylene</td>
<td>9003-07-0</td>
<td>Yes*</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Polyethylene</td>
<td>9002-88-4</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Trifluralin</td>
<td>1582-09-8</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Carbon Black</td>
<td>1333-86-4</td>
<td>Yes*</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

*Based on Carbon Black (CAS # 1333-86-4) airborne, unbound particles of respirable size. However, the Carbon Black (CAS # 1333-86-4) used in this product is not expected to have airborne, unbound respirable particles.

UK= Unknown

Component Analysis-WHMIS IDL
The following components are knowingly identified under the Canadian Hazardous Products Act Ingredient Disclosure List.

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>Minimum Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carbon Black</td>
<td>1333-86-4</td>
<td>1%</td>
</tr>
</tbody>
</table>

Additional Regulatory Information

Component Analysis-Inventory

<table>
<thead>
<tr>
<th>Component</th>
<th>CAS#</th>
<th>TSCA</th>
<th>DSL/NDSL</th>
<th>EINECS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Polypropylene</td>
<td>9003-07-0</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes (6-402)</td>
</tr>
<tr>
<td>Polyethylene</td>
<td>9002-88-4</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Trifluralin</td>
<td>1582-09-8</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Carbon Black</td>
<td>1333-86-4</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
</tbody>
</table>

Section 16 - Other Information

Other Information
Material for this SDS was taken from SDSs for raw materials.
SDS History
Updated information and changed name 12/5/06; Updated formatting 06/21/07; Change contact name 8/13/07; Updated contact information and date 2/09/09; Updated information 9/8/10; Updated formulation 11/15/10; Updated Component Analysis – State in Section 15 on 8/3/11; Updated information to GHS compliant 6-7-13.

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REVIEWED BY: Dustin Darnall