# MATERIAL SAFETY DATA SHEET

## SECTION 1 - MATERIAL IDENTIFICATION AND USE

<table>
<thead>
<tr>
<th>MATERIAL NAME:</th>
<th>STABILIZER</th>
<th>PRODUCT CODE:</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEMICAL NAME:</td>
<td>Psyllium</td>
<td></td>
</tr>
<tr>
<td>MOLECULAR WEIGHT:</td>
<td>Not Applicable</td>
<td></td>
</tr>
<tr>
<td>CAS REGISTRY NUMBER:</td>
<td>8063-16-9</td>
<td></td>
</tr>
<tr>
<td>CHEMICAL FAMILY:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEMICAL FORMULA:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MATERIAL USE:</td>
<td>Various</td>
<td></td>
</tr>
</tbody>
</table>

## SECTION 2 - HAZARDOUS INGREDIENTS

Based on current OSHA criteria, this material is considered non-hazardous.

## SECTION 3 - PHYSICAL DATA

<table>
<thead>
<tr>
<th>MELTING POINT:</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOLUBILITY IN WATER (20°C):</td>
<td>Insoluble, Forms Mucilage</td>
</tr>
<tr>
<td>SPECIFIC GRAVITY (H2O=1) N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>ODOR AND APPEARANCE:</td>
<td>Tan powder with characteristic odor</td>
</tr>
<tr>
<td>VAPOR PRESSURE: (mm Hg.)</td>
<td>N/A</td>
</tr>
<tr>
<td>VAPOR DENSITY: (AIR = 1) N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>EVAPORATION RATE: (Butyl Acetate = 1) N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>BOILING POINT (IBP)(°C): N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

## SECTION 4 - FIRE AND EXPLOSION DATA

**FLAMMABILITY:** YES  
**IF YES UNDER WHICH CONDITIONS?** Treat like grain dust. Avoid high levels of dust concentrations in closed-in areas or compartments.

**MEANS OF EXTINCTION:** Water, dry mixture, fire extinguisher

**SPECIAL PROCEDURES:** Not normally neccessary

**FLASHPOINT (°C):** (ASTM D92) None

**FLAMMABLE LIMITS:** N/A

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STABILIZER SOLUTIONS, INC.  
33 SOUTH 28TH STREET  
PHOENIX, AZ 85034  
800-336-2468 • 602-225-5900 Fax 602-225-5902  
Website: stabilizersolutions.com • Email info@stabilizersolutions.com
LEAK AND SPILL PROCEDURE: Sweep / Vacuum (Do not use water, material forms Mucillaginous gel).

WASTE DISPOSAL: Dispose of in accordance with local, state, and federal laws. (Solid waste disposal: Observe regulations)

HANDLING REQUIREMENTS: Practices: Avoid breathing dust. Can cause damage to asphalt so avoid mixing, staging, or any contact with asphalt.

STORAGE REQUIREMENTS: Store in tightly sealed containers. Do not get wet. Use good housekeeping.

SECTION 5 - STABILITY & REACTIVITY DATA

CHEMICAL STABILITY? YES IF NO UNDER WHICH CONDITIONS?

COMPATIBILITY WITH OTHER SUBSTANCES? YES IF NO WHICH ONES?

REACTIVITY, AND UNDER WHAT CONDITIONS? Stable HAZARDOUS DECOMPOSITION PRODUCTS: None known.

SECTION 6 - TOXICOLOGICAL PROPERTIES AND HEALTH INFORMATION

ROUTE OF ENTRY
SKIN CONTACT ( ) SKIN ABSORPTION ( ) EYE CONTACT (X) INHALATION CHRONIC & ACUTE (X ) INDEGESTION (X 

EFFECTS OF ACUTE EXPOSURE TO MATERIAL: Non Hazardous - may cause allergic reaction in those individuals sensitive to inhaled or ingested psyllium powder. Medical conditions generally aggravated by exposure: Allergies, asthma, bronchitis, emphysema, dermatitis.

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL: Excessive exposure may produce irritation of skin, eyes or respiratory tract.

CARCINOGENICITY: NTP: NO IARC MONOGRAPHS: NO OSHA REGULATED: NO

SECTION 7 - PREVENTATIVE MEASURES - PERSONAL PROTECTIVE EQUIPMENT

GLOVES (SPECIFY): If subject to dermatitis
RESPIRATORY (SPECIFY): Non-toxic particle mask
EYE (SPECIFY): Safety goggles
FOOT WEAR (SPECIFY): Coveralls to protect clothing from excessive dusting
CLOTHING (SPECIFY): OTHER (SPECIFY): Wash hands after handling with warm water and soap

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## SECTION 8 - FIRST AID MEASURES

EYE CONTACT: Standard eye wash procedures, flush with water.
SKIN CONTACT: Flush with water.
INHALATION: Remove person to fresh air, if breathing is difficult consult a doctor.
INGESTION: Consult a physician.

## SECTION 9 - ECOLOGICAL INFORMATION

Material is not considered harmful to the environment. Nevertheless, material from spills and other generated waste must be disposed of properly in conformance with all local, state, and federal laws.

## SECTION 11 - PREPARATION OF THE MSDS

PREPARED BY: Stabilizer Solutions, Inc
33 S. 28th Street
Phoenix, AZ 85034

PHONE: 602-225-5900 or 1-800-336-2468

DATE PREPARED: ___________________ APPROVED BY: ___________________

THE INFORMATION AND RECOMMENDATIONS CONTAINED HEREIN ARE TO THE BEST OF OUR KNOWLEDGE AND BELIEF ACCURATE AND RELIABLE. WE DO NOT WARRANT OR GUARANTEE THEIR ACCURACY AND ARE NOT LIABLE FOR ANY LOSS OR DAMAGE ARISING FROM THE USE THEREOF.
MATERIAL SAFETY DATA SHEET

SECTION I: IDENTIFICATION OF PRODUCT

Product: HILLTOPPER MOUND & HOMEPLATE CLAY
Component(s) Chemical Name: Sodium Montmorillonite Clay, Paraffin waxes, Amorphous olefin, low concentrations of Crystalline Silica may be present.

Manufacturer: Stabilizer Solutions, Inc.
33 South 28th Street, Phoenix, AZ, 85034 PH: (800) 336-2468 FAX: (602) 225-5900

SECTION II: PHYSICAL DATA

Appearance and Odor: Dark Red or Grey in color, slightly oily odor.
Boiling Point: N/A
Vapor Pressure: N/A
Vapor Density: (Air=1): N/A
Evaporation Rate: N/A
Solubility in Water: N/A
Specific Gravity (water=1): N/A
Melting Point: 40-90°C

SECTION III: FIRE AND EXPLOSION DATA

Flammability: N/A
Flammable Limits: N/A
Auto-Ignition Temperature: Will not self-ignite
Extinguishing Media: None required.
Special Fire & Explosion Hazards: No Fire or explosive hazard with this material.

SECTION IV: REACTIVITY DATA

Stability: Stable
Conditions to Avoid: N/A
Incompatible Materials: May react to strong oxidizing agents such as; Chlorates, Nitrates, Peroxides, etc.
Hazardous Decomposition Products: N/A
Hazardous Polymerization: Polymerization will not occur.

SECTION V: HEALTH HAZARDS

Route(s) of Entry: Inhalation: N/A Skin: N/A Ingestion: X Eye Contact: X
Respirable quantity is well below the OSHA permissible exposure limit, therefore, this material is considered non-hazardous. OSHA Regulated: No  NTP: No  IARC Monographs: No

Health Hazards (Acute and Chronic):
Eye Contact: Immediately flush eyes with plenty of clean water.
Skin Contact: Direct contact may cause irritation by mechanical abrasion. Wash with soap and water.
Skin Absorption: Not expected to be a significant exposure route.
Ingestion: Ingestion is unlikely, but large amounts ingested may cause gastrointestinal irritation and blockage. Give large quantity of water to induce vomiting.
Inhalation: N/A

As always, if any conditions persist, contact a physician.

SECTION VI: PRECAUTIONS FOR SAFE HANDLING AND USE

Steps to be taken if material is released or spilled: Normal housekeeping. May cause slippery surfaces when wet.
Waste disposal method: Unused material should be disposed of at a sanitary landfill.
Storage & Handling Requirements: Store in dry place. Avoid incompatible materials.
Work/hygiene practices, normal good work practices.
Transportation: Avoid below freezing temperatures during transport, material will harden.
Ecological Information: Material is not harmful to the environment.

SECTION VII: SPECIAL PROTECTION INFORMATION

Personal Protective Equipment is subject to each individual’s preferences.

SECTION VIII: REGULATORY STATUS/TRANSPORTATION

DOT Hazard Class: None  Placard Required: None

Prepared by: Stabilizer Solutions, Inc. 33 South 28th Street, Phoenix, AZ 85034
Phone: 602-225-5900 or 1-800-336-2468
Last Issue Date: 6/06/08

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