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## MATERIAL SAFETY DATA SHEET

SECTION 1 - MATERIAL IDENTIFICATION AND USE				
MATERIAL NAME: <b>STABILIZER</b>		PRODUCT CODE:		
CHEMICAL NAME: Psyllium	CHEMICAL FAMILY:	CHEMICAL FORMULA:		
MOLECULAR WEIGHT: Not Applicable	CAS REGISTRY NUMBER: 8063-16-9	MATERIAL USE: Various		
SECTION 2 - HAZARDOUS INGREDIENTS				
BASED ON CURRENT OSHA CRITERIA, THIS MATERIAL IS CONSIDERED NON-HAZARDOUS				
SECTION 3 - PHYSICAL DATA				
MELTING POINT: N/A	SOLUBILITY IN WATER (20°C): Insoluble, Forms Mucilage	SPECIFIC GRAVITY (H <sub>2</sub> O=1) N/A	ODOR AND APPEARANCE: Tan powder with characteristic odor	VAPOR PRESSURE: (mm Hg.) N/A
VAPOR DENSITY: (AIR = 1) N/A	EVAPORATION RATE: (Butyl Acetate = 1) N/A	BOILING POINT (IBP)(°C): N/A		
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 necessary				
FLASHPOINT (°C): (ASTM D92) None	FLAMMABLE LIMITS: N/A			

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 33 SOUTH 28<sup>TH</sup> STREET  
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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.	
<b>SECTION 5 - STABILITY &amp; REACTIVITY DATA</b>	
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.	
<b>SECTION 6 - TOXICOLOGICAL PROPERTIES AND HEALTH INFORMATION</b>	
ROUTE OF ENTRY SKIN CONTACT ( ) SKIN ABSORPTION ( ) EYE CONTACT (X) INHALATION CHRONIC & ACUTE (X) INGESTION (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:	OSHA REGULATED: NO
<b>SECTION 7 - PREVENTATIVE MEASURES - PERSONAL PROTECTIVE EQUIPMENT</b>	
GLOVES (SPECIFY): If subject to dermatitis	RESPIRATORY (SPECIFY): Non-toxic particle mask..
FOOT WEAR (SPECIFY):	CLOTHING (SPECIFY): Coveralls to protect clothing from excessive dusting.
	EYE (SPECIFY): Safety goggles.
	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. 28<sup>th</sup> 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.

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## 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. CAS Registry#: OSHA PEL: ACGIH TLV-TWA:  
Manufacturer: Stabilizer Solutions, Inc.  
33 South 28<sup>th</sup> 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: NIL  
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 28<sup>th</sup> Street, Phoenix, AZ 85034

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

Last Issue Date: 6/06/08

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