

# MATERIAL SAFETY DATA SHEET

Date revised: 01/03/12

 HMIS  
 Health 0  
 Flammability 0  
 Reactivity 0  
 Personal Protection E

## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Trade Name: **Fossil Shell Flour®**

Generic Name: Diatomaceous Earth

Chemical Family: Silicates

Manufacturer: Perma-Guard, Inc.

Address: 625 East, 2150 South

**Emergency:** Chemtrec USA (800) 424-9300

City: Bountiful State: UT Zip: 84010

International: (703) 527-3887 Collect

## 2. COMPOSITION INFORMATION

INGREDIENT Name:	CAS Number:	%	
NATURAL DIATOMACEOUS EARTH (DE) AMORPHOUS SILICA	61790-53-2	100	Diatomaceous Earth (uncalcined)

## 3. HAZARD IDENTIFICATION

Unusual Fire and Explosion Hazards: None

Threshold Limit Value: 10MG/M3 Total Dust: Nuisance Dust

Possible Effects of a Single overexpose:

Acute Accidental Exposure would be non-specific. Inhalation symptoms might include coughing, wheezing, difficult breathing and minor upper respiratory tract Irritation.

Possible effects of repeated overexposure: Chronic overexposure may cause Pneumoconiosis

Skin Contact: No Known Concern

Eye Contact: May Cause temporary discomfort and irritation

Ingestion: No Known Hazard

## 4. FIRST AID MEASURES

Inhalation: Remove to fresh air. Drink water to clear throat. Blow nose to evacuate nose to clear dust.

Eyes: Flush eyes with large quantities of water. If irritation persists contact a physician.

Skin Contact: Wash affected area with soap and water

Skin Absorption: NA

Ingestion: NOT HAZARDOUS WHEN INGESTED

## 5. FIRE FIGHTING MEASURES

Flash Point: None Flammable Limits: None

Extinguishing Media: None Special Fire Fighting Procedures: None

## 6. ACCIDENTAL RELEASE MEASURES

Procedures for Spill/Leak: Vacuum Clean or Wet Sweep Spillage.

Waste Disposal Method: Waste should be disposed of in closed containers to prevent dust.

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7. HANDLING AND STORAGE

As with all powders, limit the creation and inhalation of dust. Wet floor may become extremely slippery when diatomite is present. Store in a dry, cool place out of sunlight. Keep container closed.

8. TRANSPORTATION INFORMATION

D.O.T. Proper Shipping Name: Earth, Diatomaceous, Crude or Ground  
Hazard Classification: NOT CLASSIFIED  
Reportable Quantities: Not Applicable UN (United Nations) , NA (North America) Number: Not Applicable

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Respiratory Protection: Approved dust respirators for exposure to potentially high dust environments.  
Ventilation: Local Exhaust Ventilation Recommended.  
Protective gloves: Not Required Eye Protection: Safety Glasses  
Other Protective Equipment: Not Required

10. STABILITY and REACTIVITY

Stability: Inert	Incompatibility: None
Hazardous Decomposition Products	None
Hazardous polymerization:	None
Conditions to avoid:	None

15. OTHER INFORMATION

Storage Segregation Hazard Classes: NA Special Handling/Storage : Repair all broken bags  
Special Workplace Engineering Controls: ADEQUATE VENTILATION TO KEEP DUST LEVEL BELOW PEL.

PREPARED/REVISED BY: Perma-Guard, Inc. (505) 243-1460 As of the date of this document, the foregoing information is believed to be accurate and is provided in good faith to comply with appropriate federal and state law(s). However, no warranty or representation with respect to such information is intended or given.