



### Material Safety Data Sheets

May be used to comply with OSHA's Hazard Communication Standard 29 CFR 1910.1200. Standard must be consulted for specific requirements.

### U.S. Department of Labor

Occupational Safety and Health Admin.  
(Non-Mandatory Form)  
Form Approved  
OMB No. 1218-0072

Identity (As used on Label and List)

**Hess Superior Grade Pumice**

**CAS No. 1332-09-8**

**EINECS No. 310-127-6**

**ACID No. 99901E1050**

Note: Blank spaces are not permitted. If any item is not applicable, or information is not available, the space must be marked to indicate this.

(N/A = Not Applicable)

**GHS STATEMENT: This product does NOT contain any harmful substances listed in GHS**

#### Section I

Manufacturer's Name:

**Hess Pumice Products, Inc.**

Contact Telephone Numbers

**(208) 766-4777**

Address (Number, Street, City, and ZIP Code):

**100 Hess Drive  
Malad, Idaho 83252**

Emergency Telephone Number:

**(208) 766-2655**

Date Prepared: **11 January, 2007**

#### Section II-A Hazardous Ingredients

None

#### Section II-B Identity Information

Other principal inert components: **Complex silicates or oxides of AL, K, Na, Fe, Ca, Mg, Ti.**

Chemical Identity, major components: **Amorphous Silicon Dioxide (SiO<sub>2</sub>).**

**M<sub>x</sub>O<sub>y</sub> • SiO<sub>2</sub> (M=Al, Ca, Mg + other minor metal oxides, with bound amorphous silica (SiO<sub>2</sub>))**

Common Names: **Pumice, volcanic glass**

**HMIS (Hazardous Materials Identification System Ratings – NPCA/CPCA)**

Based on hazard rating of 4 = Most severe

**Health 0**

**Flammability 0**

**Reactivity 0**

**Personal Protection: Use approved dust mask; goggles to prevent eye irritation.**

**TSCA**

**TSCA Inventory: Listed as Pumice (CAS # 1332-09-8)**

**DSL**

**DSL: Listed as Pumice (CAS # 1332-09-8)**

#### Section III – Physical/Chemical Characteristics (N/A = Not Applicable)

Boiling Point:	N/A	Specific Gravity	<b>2.35</b>
Vapor Pressure (mm Hg.):	N/A	Melting Point	<b>N/A</b>
Vapor Density : Air = 1)	N/A	Evaporation Rate (Butyl Acetate = 1)	<b>N/A</b>
Solubility in Water:	<b>Negligible</b>		
Appearance and Odor :	<b>Off-White Powder. No odor.</b>		

#### Section IV – Fire and Explosion Hazard Data

Flash Point:	<b>N/A</b>	Flammable Limits:	<b>N/A</b>	LEL:	<b>N/A</b>
UEL:	<b>N/A</b>				
Extinguishing Media:	<b>N/A</b>				
Special Fire Fighting Procedures:	<b>N/A</b>				
Unusual Fire and Explosion Hazards:		<b>None</b>			

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**Section V – Reactivity Data**

<b>Stability</b>	<b>Unstable</b>	<b>Conditions to Avoid</b>
	Stable <u>X</u>	No special precautions

Incompatibility (Materials to Avoid): **No Incompatibility. (Reacts with hydrofluoric acid: soluble in HF)**

Hazardous Decomposition of Byproducts: **May react with hydrofluoric acid to form toxic silicon tetra-flouride gas.**

<b>Hazardous Polymerization</b>	<b>May Occur</b>	<b>Conditions to Avoid:</b>
	Will Not Occur    X	No special conditions

**Section VI – Health Hazard Data**

Route(s) of Entry:                      Inhalation: **No**                      Skin: **No**                      Ingestion: **Non-Hazardous**

**Classified as Nuisance Dust.**

Carcinogenicity:    NTP?    **No**                      IARC Monographs? **Vol. 68 (1997)**                      OSHA Regulated? **No**  
**Silica-Group 3. (Not classifiable as to carcinogenicity to humans.)**

Signs and Symptoms of Exposure: **In extreme exposures, some congestion may occur.**

Medical conditions which may be aggravated by exposure: **Pre-existing upper respiratory and lung disease such as, but not limited to, Emphysema and Asthma.**

Acute health effects: **Transitory upper respiratory irritant.**

Chronic health effects: **Inhalation of high levels of any nuisance dust over long periods of time may cause lungs to be more vulnerable to pneumoconiosis (lung disease).**

Emergency and First Aid Procedures: **Material is non-poisonous.**

**Eyes** – Flush with copious amounts of clean water for 15 minutes. If irritation persists, consult a physician.

**Inhalation** – Blow nose, rinse mouth, drink water to clear throat. Remove to fresh air.

**Section VII – Precautions for Safe Handling and Use**

Steps to be taken in case material is released or spilled: **Vacuum clean spillage. If sweeping is necessary, use a dust suppressant.**

Waste Disposal Method: **Bury as non-toxic waste in an approved landfill in accordance with all federal, state and local regulations.**

Precautions to be taken in handling as storing: **Use techniques that minimize generating dust.**

Other precautions: **Material, when wet, may be slippery on a smooth surface. Use caution.**

**Section VIII – Control Measures**

Respiratory Protection: **Use an approved dust mask, such as a particulate filter respirator.**

<b>Ventilation</b>	<b>Local Exhaust:    Recommended</b>	<b>Special Other:</b>
	<b>Mechanical (General): Sweep or vacuum all spills</b>	<b>Use filter-equipped vacuum to remove dust; Do Not blow off with compressed air.</b>

Protective Gloves: **Not Required**

Eye Protection: **Goggles recommended.**

Other Protective Clothing or Equipment: **Not Required**

Work / Hygienic Practices: **Avoid vigorous shaking of bags. Clean clothes with vacuum hose, not by blowing off.**