Safety Data Sheet

U.S. Department Of Labor
Occupational Safety and Health Admin.
(GHS Format)
Form Approved
OMB No. 1218-0072

Identity (As used on Label and List)  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.
Hess Superior Grade Pumice – All Grades
CAS No. 1332-09-8
EINECS No. 310-127-6
ACID No. 99901E1050
TSCA Inventory: Listed as Pumice (CAS # 1332-09-8)
DSL: Listed as Pumice (CAS # 1332-09-8)
GHS STATEMENT: This product does NOT contain any harmful substances listed in GHS
WHMIS STATEMENT: This product is classified as an UNCONTROLLED product according to WHMIS classification criteria.
REACH Statement: This product is EXEMPT from REACH registration in accordance with section 1.6.4 (Substances exempted from registration) of the Guidance for Registration of the REACH regulation. As such, the obligations for downstream users and the provisions on substance and dossier evaluation do not apply.

Product Identification:
Pumice / Amorphous Aluminum Silicate

Section 1: Identification

Manufacture’s Identification: Contact Telephone Numbers
Hess Pumice Products, Inc. (208) 766-4777
Address Emergency Telephone Number:
100 Hess Drive (208) 221-9004
Malad, Idaho 83252 Date Prepared: January 2015

Section 2: Hazards Identification

None (Quartz content below detectable limits of 0.1%) 

Section 3: Composition Information

Other principal inert components: Complex silicates or oxides of Al, K, Na, Fe, Ca, Mg, Ti.
Chemical Identity, major components: Amorphous Aluminum Silicate (Al2O3)
M2O3 • SiO2 (M=Al, Ca, Mg + other minor metal oxides, with bound amorphous silica (SiO2)
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
Use approved dust mask; goggles to prevent eye irritation.

Section 4: First Aid

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 5: Fire and Explosion Hazard Data**

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Flammable Limits</td>
<td>N/A</td>
</tr>
<tr>
<td>LEL</td>
<td>N/A</td>
</tr>
<tr>
<td>UEL</td>
<td>N/A</td>
</tr>
<tr>
<td>Extinguishing Media</td>
<td>N/A</td>
</tr>
<tr>
<td>Special Fire Fighting Procedures</td>
<td>N/A</td>
</tr>
<tr>
<td>Unusual Fire and Explosion Hazards</td>
<td>None</td>
</tr>
</tbody>
</table>

**Section 6: Accidental Release**

Vacuum all clean spillage. If sweeping is necessary, use a dust suppressant.

**Section 7: Handling and Storage**

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 8: Exposure Controls / Personal Protection**

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

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

Protective Gloves: Not Required

Eye Protection: Goggles recommended.

Other Protective Clothing or Equipment: Not Required


**Section 9: Physical / Chemical Properties**

(N/A = Not Applicable)

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Boiling Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>2.35</td>
</tr>
<tr>
<td>Vapor Pressure (mm Hg;)</td>
<td>N/A</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density : Air = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in Water:</td>
<td>Negligible</td>
</tr>
<tr>
<td>pH</td>
<td>7.2</td>
</tr>
<tr>
<td>Appearance and Odor</td>
<td>Off-White Powder. No odor.</td>
</tr>
</tbody>
</table>
**Section 10: Stability and Reactivity**

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td>✔</td>
<td>No special precautions</td>
</tr>
</tbody>
</table>

**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.

<table>
<thead>
<tr>
<th>Hazardous Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will Not Occur ✔</td>
<td>No special conditions</td>
<td></td>
</tr>
</tbody>
</table>

**Section 11: Toxicological Information**

**Classified as Nuisance Dust only.**

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

**Carcinogenicity:**
- NTP: No
- 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).

**Section 12: Ecological Information**

No special considerations.

**Section 13: Disposal Considerations**

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

**Section 14: Transportation Information**

Not controlled by IATA and to be considered as non-dangerous goods.

**Section 15: Regulatory Information**

Not regulated.

**Section 16: Other**

No other special considerations.
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