Section 1: Identification

Product Identification: Pumice / Amorphous Aluminum Silicate

Manufacture’s Identification: Hess Pumice Products, Inc.
Contact Telephone Numbers
(208) 766-4777

Address
100 Hess Drive
Malad, Idaho 83252

Date Prepared: January 2016

Section 2: Hazards Identification

Material is considered non-hazardous

Signal Word:

GHS Hazard Phrases:
Based on evaluation of currently available data this substance is not classifiable according to GHS

GHS Precaution Phrases:
No phrases apply.

GHS Response Phrases:
No phrases apply.

GHS Labeling Pictogram
No applicable pictogram

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 \( (\text{Al}_2\text{O}_3) \)

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.
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></th>
<th>N/A</th>
<th>N/A</th>
<th>N/A</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash Point:</td>
<td>N/A</td>
<td>Flammable Limits:</td>
<td>N/A</td>
</tr>
<tr>
<td>UEL:</td>
<td>N/A</td>
<td>LEL:</td>
<td>N/A</td>
</tr>
<tr>
<td>Extinguishing Media:</td>
<td>N/A</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Special Fire Fighting Procedures:</td>
<td>N/A</td>
<td></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>Vapor Pressure (mm Hg.):</td>
<td>N/A</td>
</tr>
<tr>
<td>Vapor Density : Air = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>Solubility in Water:</td>
<td>Negligible</td>
</tr>
<tr>
<td>Appearance and Odor :</td>
<td>Off-White Powder. No odor.</td>
</tr>
<tr>
<td>Specific Gravity</td>
<td>2.35</td>
</tr>
<tr>
<td>Melting Point</td>
<td>N/A</td>
</tr>
<tr>
<td>Evaporation Rate (Butyl Acetate = 1)</td>
<td>N/A</td>
</tr>
<tr>
<td>pH</td>
<td>7.2</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>X</td>
<td>No special conditions</td>
</tr>
</tbody>
</table>

Section 11: Toxicological Information

Classified as Nuisance Dust only.

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


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.