MATERIAL SAFETY DATA SHEET

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SECTION I, MATERIAL IDENTIFICATION

Material Trade Name: Georgia Domestic Kaolin
Chemical Name: Hydrous Aluminum Silicate
Common Name: Kaolin clay/China clay
Physical Form: Spray Dried/Pulverized

SECTION II, INGREDIENT AND HAZARDS

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>Wt.% (Approx.)</th>
<th>HAZARD DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kaolin Clay - ( \text{Al}_2\text{O}_3\cdot2\text{SiO}_2\cdot2\text{H}_2\text{O} )</td>
<td>( &gt;97% )</td>
<td>KAOLIN OSHA PEL* ACGIH TLV* Respirable 5.0 mg/m(^3) 5 mg/m(^3)</td>
</tr>
<tr>
<td>Water</td>
<td>( &lt;3% )</td>
<td>Total Dust 10.0 mg/m(^3) .10 mg/m(^3)</td>
</tr>
<tr>
<td>Sodium Polyacrylate/Soda Ash Dispersant</td>
<td>0.35%</td>
<td>None</td>
</tr>
</tbody>
</table>

* TWA for 8 hours

SECTION III, PHYSICAL DATA

- Boiling Point - Not Applicable
- Specific Gravity of Kaolin - 2.62
- Appearance & Odor - White, odorless powder
- pH 20% aqueous suspension - 6.0 - 7.5
- Solubility in water - Insoluble

SECTION IV, FIRE AND EXPLOSION DATA

- Flash point - None
- Not applicable
- Nonflammable, nonexplosive

SECTION V, HEALTH HAZARD INFORMATION (See Sect. II)

- Skin contact, skin absorption, eye contact, ingestion: Hazard Classification - None.
- No crystalline silica detected using the recommended NIOSH test method 7500.
SECTION VI, REACTIVITY DATA

Conditions contributing to instability - None, inert and nonreactive.
Incompatibility - None, inert and nonreactive.
Hazardous Decomposition Products - None, inert and nonreactive.
Conditions Contributing to Hazardous Polymerization - None, inert and nonreactive.

SECTION VII, SPILL, LEAK, AND DISPOSAL PROCEDURES

Aquatic toxicity: Insignificant. TLM 96: over 1000 ppm.
Waste Disposal Method: Landfill
Steps to be taken if material is released or spilled: Vacuum dust. If sweeping, use dust suppressant.
Neutralizing chemicals: None required. Material is inert.

SECTION VIII, SPECIAL PROTECTION INFORMATION

Ventilation requirements: Same as for any nuisance dust.
Specific Personal Protective Equipment: Respiratory face mask suggested for dusty conditions.
MSHA Model 8710 or NIOSH approved mechanical filter type respirator may be used.
Eye - not required; clear plastic shield may be used as convenience item.
Gloves or other protective clothing - not required.

SECTION IX, SPECIAL PRECAUTIONS AND COMMENTS

Aqueous slurry is slippery; care should be exercised when walking on spills on floors or concrete pads.
Additional Regulatory Concerns: FDA - Generally recognized as safe - 21 CFR 186.1256; TSCA - Product, a
naturally occurring substance, is listed in Initial Inventory, Vol. 1, Appendix A, CAS No. 1332-58-7
DOT classification - Not restricted

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