1. Product and Supplier Information

Product Name: Lamesa-Labasa Bricks, Tiles & Rooftiles  
MSDS Number: LAB LLB  
Product Number: NA  
Publication Date: June 17, 2011  
Product Synonyms: Ceramic bricks  
Replaces: Dec. 10, 2009  
Chemical Family or Formula: Fired clay blends

Supplier #1: Laminados de Barro, S.A. de C.V.  
Phone: 01152825 244 0101 ext 111  
Fax: 01152825 244 0101 ext 124  
Piedras Negras COAH, Mexico  
email: David Ruiz <davidr@g-lamesa.com>

Supplier #2: Carretera Miguel Aleman Km 30  
Pesqueria, NL MEXICO

Product Information: PH 01152825 244 0101 ext 111

Transportation Emergency: Not applicable

Note: The purpose of this MSDS is to provide safe handling, shipping and disposal information for users of the product. It is not intended to, nor does it, provide complete or extensive toxicological data on the product or its components.

2. Composition and Information on Ingredients

<table>
<thead>
<tr>
<th>CAS #</th>
<th>SARA 313</th>
<th>Material or Component</th>
<th>Exposure Limits (ppm)</th>
<th>On?</th>
<th>De minimis</th>
<th>%</th>
<th>RQ#</th>
<th>TWA*</th>
<th>STEL*</th>
<th>Prop 65</th>
</tr>
</thead>
<tbody>
<tr>
<td>SiO2, Al2O3, MnO2, Fe2O3</td>
<td>Traces less than 5% are as follows: Al2O3:SiO3, BaCO3, 7631-86-9 &amp; 14808-60-7 Silica, SiO2</td>
<td>60 None 10 mg/m3 (Total dust)</td>
<td>Yes</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1309-37-1</td>
<td>No</td>
<td>NA</td>
<td>Alumina (Al2O3)</td>
<td>25 None 10 mg/m3 (Total dust)</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1345-25-1</td>
<td>No</td>
<td>NA</td>
<td>Iron oxide, Fe2O3 (Dust) as Fe</td>
<td>6 None 5 mg/m3 (Respirable)</td>
<td>No</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Components listed in approximate decreasing order of their percentage composition as the oxides is as follows:

Components listed in Title III Sec. 313 (EPCRA) are indicated by "Yes" above.

Components listed in "Threshold and Biological Exposure Indices for 2009" from ACGIH except as noted above.

"De minimis" = Threshold reporting limit for SARA 313 for this material.

3. Hazards Identification

Emergency Overview:
Minimal skin irritation hazard expected from abrasive contact. Mechanical irritation of the eye if contacted.

Routes of Entry:
Eye contact, skin contact, ingestion

Chemical Interactions:
No hazardous reactions known for ingredients in this product form.

Medical Conditions Aggravated:
None found.

Human Threshold Response Data
Odor Threshold: Not established
Irritation Threshold: Not established

Hazard Category Classifications and Ratings

<table>
<thead>
<tr>
<th>Hazard Categories:</th>
<th>Health</th>
<th>Fire</th>
<th>Pressure</th>
<th>Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Immediate</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Delayed</td>
<td>No</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

HMIS Hazard Ratings: Health 0 Fire 0 Instability 0 Other B (Glasses, gloves)

NFPA 704 Hazard Ratings: Health 1 Flammability 0 Reactivity 0 Special NA

Hazard Ratings: Least: 0 Slight: 1 Moderate: 2 High: 3 Extreme: 4

* "Yes" in Delayed Fire hazard category indicates this material poses a spontaneous combustion hazard.

Notice: HMIS and NFPA ratings involve the subjective evaluation of the hazardous aspects of individual components, and can differ between preparers. They are intended and useful only as a rapid, general identification of the approximate magnitude of the specific hazards rated.

Hazards Identification (continued) related to dust or shards generated during processing:

Breathing
Dust from cutting or filing may cause a problem.
Skin Contact:
May cause itching or mechanical irritation.

Eye contact:
May cause itching or mechanical irritation.

Swallowing:
Temporary mechanical irritation of the digestive tract is possible. If symptoms develop consult a physician.

Conditions aggravated by exposure:
No hazard anticipated from ingredients in this form.

Prolonged (Chronic) Health Effects
No hazard presented.

4. First Aid
Note: For problems resulting from dust or fibers generated during processing, treat the symptoms appropriately.

Inhalation:
No hazard anticipated from ingredients in this form.

Skin Contact:
No hazard anticipated from ingredients in this form.

Eyes:
No hazard anticipated from ingredients in this form.

Ingestion:
No hazard anticipated from ingredients in this form.

5. Fire Fighting Measures

Flammability Summary (OSHA):
Flammable Properties: The product does not support combustion under any circumstances.
Flash Point: None
Autoignition Temperature: None
Upper Flammable/Explosive Limit, % in air None
Lower Flammable/Explosive Limit, % in air None
Fire/Explosion Hazards:
Not a hazard.

Extinguishing Media: Concentrate on primary source of fire.

Fire Fighting Instructions:
In case of fire, use normal fire fighting equipment including a NIOSH approved self-contained breathing apparatus (SCBA). Fight fire from a safe distance.

6. Accidental Release Measures

General:
No hazard anticipated from ingredients in this form.

Small Spill:
Pick up for reclaim or disposal in approved manner.

Large Spill:
Pick up for reclaim or disposal in approved manner.

7. Handling and Storage

Handling:
No hazard anticipated from ingredients in this form.

Storage
No restrictions or limitations.
8. Exposure Controls and Personal Protection

Ventilation:
No special ventilation is required in normal use.
Use local exhaust to control dust if generated.

Protective Equipment for Routine Use of Product Where Appropriate:

Respiratory Protection:
Use NIOSH/MSHA approved respirator when airborne dust may exceed exposure limits.
A respiratory protection program that meets OSHA 1910.134 and ANSI 288.2 requirements must be followed wherever workplace conditions warrant respirator use.

Skin:
Not required for occasional handling. Use appropriate gloves as required.

Eyes: If sanding or grinding this material wear glasses or goggles as dust can cause mechanical irritation.
Usefulness of eye protection is not anticipated.

Protective Clothing Type:
Not required.

Exposure Limit Data: See Section II

9. Physical Data

<table>
<thead>
<tr>
<th>Physical State:</th>
<th>Solid</th>
<th>Vapor Density (Air = 1):</th>
<th>Not volatile</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color:</td>
<td>Various colors</td>
<td>Vapor Pressure 20°C:</td>
<td>Nil</td>
</tr>
<tr>
<td>Odor:</td>
<td>Nil</td>
<td>Evaporation Rate (Butyl acetate =1):</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Molecular Weight:</td>
<td>Not applicable</td>
<td>Volatiles % by vol.:</td>
<td>Nil</td>
</tr>
<tr>
<td>pH @ 25 Deg. C:</td>
<td>Not applicable</td>
<td>Boiling Point @ 20 mm Hg:</td>
<td>NA</td>
</tr>
<tr>
<td>Octanol/Water Coeff:</td>
<td>Not applicable</td>
<td>Freezing Point:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Solubility in Water:</td>
<td>Insoluble</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bulk Density:</td>
<td>Not applicable</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specific Gravity:</td>
<td>NA</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

10. Stability and Reactivity

Stability and Reactivity Summary:
Stable under normal conditions.

Reactive Properties:
Sensitivity to mechanical shock: None
Hazardous Polymerization: Will not occur.

Conditions to Avoid:
High temperature
Chemical Incompatibility: Will react with acids to generate carbon dioxide.
Incompatible materials: None known
Hazardous decomposition Products: Carbon dioxide, carbon monoxide, nitrogen oxides

Decomposition Temperature: Not determined
Product May Be Unstable At Temperatures Above: Not determined

11. Toxicological Information

Component Animal Toxicology

Results for product:
Oral LD50 value mg/kg: No data available
Dermal LD50 value mg/kg: No data available
Inhalation LC50 value: No data available

Component Data:
No data.
Mutagenicity: No data.
Carcinogenicity:
This chemical is not known or reported to be carcinogenic by any reference source including IARC,
12. Ecological Information

Ecological Toxicity Values:
Environmental fate: No information found
Environmental Toxicity: No information found

13. Disposal Considerations

CARE MUST BE TAKEN TO PREVENT ENVIRONMENTAL CONTAMINATION FROM THE USE OF THIS MATERIAL THE USER OF THIS MATERIAL HAS THE RESPONSIBILITY TO DISPOSE OF UNUSED MATERIAL, RESIDUES AND CONTAINERS IN COMPLIANCE WITH ALL RELEVANT LOCAL, STATE AND FEDERAL LAWS

Waste Disposal Summary:
Product as supplied does not qualify as a hazardous waste.

Potential US EPA Waste Codes:
Not applicable.

Disposal Methods:
Dispose of in accordance with local, state and federal regulations.

Components subject to land ban restrictions:
No components subject to land ban restrictions.

14. Transportation Information

<table>
<thead>
<tr>
<th>Proper Shipping Name, Hazard Class, UN/NA Number Packing Group, Emergency Response Guide Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not regulated.</td>
</tr>
</tbody>
</table>

Labels required per 49 CFR 172.101: None
Size for "Limited quantity" per 49 CFR 173.150-.155: Not applicable
Reportable Quantity ("RQ") per 49 CFR172.101: None
Passenger and Cargo Air & Rail (172.101): Not regulated
Eff. Jan 1, 2001 Cargo only: Not regulated
Vessel Stowage: Not regulated

15+B240. Regulatory Information

UNITED STATES:
Toxic Substances Control Act (TSCA):
The components of this product are listed on the TSCA Inventory of Existing Chemical Substances.
Pesticide acceptance indication: US EPA Registration Number:
Not applicable
California Prop. 65: No ingredient listed.
Hazard Categories Sections 311/312 (40 CFR 370.2):
Health:
Acute No Fire: No Pressure: No
Chronic No Reactivity: No
Extremely Hazardous Substance Section 302 - Threshold Planning Quantity:
None
Reportable Quantity (40 CFR 302.4):
None

16. Additional Information

This Material Safety Data Sheet (MSDS) has been prepared in compliance with the federal OSHA Hazard Communication Standard 29 CFR 1910.1200. The information in this MSDS should be provided to all who will use, handle, store transport or otherwise be exposed to this product. We believe this information to be reliable and up to date as of its publication date, but make no warrantee that it is. If this MSDS is more than 3 years old you should contact the supplier to make certain that the information is still current.