Material Safety / Data Sheet

I. General Information

Chemical Name & Synonyms
Modified Oxychloride Cement

Trade Name & Synonyms
AirKrete Insulation

Chemical Family
Calcium, Magnesium oxide, Alumina

Formula
Proprietary

Proper DOT Shipping Name

DOT Hazard Classification

Manufacturer
Air Krete, Inc.
PO Box 380
Weedsport, NY 13166-0380

Manufacturer’s Phone Number
(315) 834-6609

II. Ingredients

Principal Hazardous Components - Percent
Non-Hazardous

Threshold Limit Value (units)
N/A

N/A

III. Physical Data

Boiling Point (°F)
N/A

Specific Gravity (H₂O=1)
2.0 lbs approximate per cubic foot

Thermal Resistance
K-factor at 75°F – 0.257
R-factor – 3.9 per inch

Shrinkage
Shrinkage 0
Shrinkage Percent 0
Closed Cavity – 0.00 ASTM C 951

Vapor Pressure (mmHg.)
N/A

Percent Volatile by Volume (%)
Non-volatile
No Formaldehyde or organic vapors

Vapor Density (Air = 1)
N/A

Evaporation Rate (___ = 1)

Solubility in Water pH
Light green in color.

Appearance & Odor
Odorless Insoluble  10.5 – 11.0
### IV. Fire & Explosion Hazard Data

<table>
<thead>
<tr>
<th>Flash Point Test</th>
<th>Auto Ignition Temperature</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>Non-combustible</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flammable Limits</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Extinguishing Media</th>
<th>LEL</th>
<th>UEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<table>
<thead>
<tr>
<th>Special Fire Fighting Procedures</th>
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</thead>
<tbody>
<tr>
<td>N/A</td>
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</tbody>
</table>

**Unusual Fire & Explosion Hazards**
Non-combustible  ASTM E-84
Flame Spread – 0, Smoke Developed – 0, Fuel Contributed – 0
(Test extended to 30 minutes)

### V. Data Health Hazard

<table>
<thead>
<tr>
<th>OSHA Permissible Exposure Limit</th>
<th>ACGIH Threshold Limit Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
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</tbody>
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<table>
<thead>
<tr>
<th>Carcinogen NTP Program</th>
<th>Carcinogen IARC Program</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**Symptoms of Exposure**
None Known

**Primary Route(s) of Entry**
N/A

**Emergency First Aid**
N/A

### VI. Reactivity Data

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stable</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Incompatibility</th>
<th>Materials to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazardous Polymerization May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Will not occur</td>
<td>N/A</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Hazardous Decomposition Produces</th>
</tr>
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<tbody>
<tr>
<td>None</td>
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</table>
VII. Environmental Protection Procedures

Spill Response
N/A

Waste Disposal Method:  This product is considered non-hazardous as waste charged by an analytical parameters using EPA methods or standard measure per 15th edition and AEP toxicity. Normal landfill – Report dated 1/10/84, file #405.030, sample #12183.

VIII. Special Protection Procedures

Eye Protection  Skin Protection
N/A (Gloves – optional)

Respiratory Protection (Special Type)  Ventilation Recommended
N/A Dust mask

Other Protection
N/A

IX. Special Precautions

Hygienic Practices in Handling & Storage
N/A

Precautions for Repair & Maintenance of Contaminated Equipment
N/A

Other Precautions
N/A