SAFETY DATA SHEET
Kiln Cement Dry

1. Identification

Product identifier
Kiln Cement Dry

Product name
Kiln Cement Dry

Recommended use of the chemical and restrictions on use
Application
cement to repair kiln brickwork

Details of the supplier of the safety data sheet
Supplier
American Art Clay Co Inc
6060 Guion Road
Indianapolis,
IN 46254-1222
USA
Toll Free: 1-800-925-5195 ext. 1303
Local: 1-317-243-0066 ext. 1303

Emergency telephone number
Emergency telephone
1 317 243 0066 ext. 1303 Mon-Fri, 0900-1700 EST

2. Hazard(s) identification

Classification of the substance or mixture
Physical hazards
Not Classified

Health hazards
Acute Tox. 4 - H302 Skin Irrit. 2 - H315 Eye Irrit. 2B - H320

Environmental hazards
Not Classified

Label elements
Pictogram

Signal word
Warning

Hazard statements
H302 Harmful if swallowed.
H315+H320 Causes skin and eye irritation.

Precautionary statements
P264 Wash contaminated skin thoroughly after handling.
P270 Do not eat, drink or smoke when using this product.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P301+P310 If swallowed: Immediately call a poison center/ doctor.
P302+P352 If on skin: Wash with plenty of water.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P321 Specific treatment (see medical advice on this label).
P330 Rinse mouth.
P332+P313 If skin irritation occurs: Get medical advice/ attention.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P362+P364 Take off contaminated clothing and wash it before reuse.
P501 Dispose of contents/ container in accordance with national regulations.
Kiln Cement Dry

Supplemental label information

WARNING: MAY BE HARMFUL IF SWALLOWED. SKIN IRRITANT. EYE IRRITANT. CONTAINS: SODIUM SILICATE. PRECAUTIONS: Avoid skin contact. Wash hands immediately after use. When using wear impermeable gloves. Keep away from eyes. Avoid ingestion. KEEP OUT OF REACH OF CHILDREN. FIRST AID TREATMENT: If eye contact occurs, rinse with tap water for 5-10 minutes. If skin contact occurs, wash with soap and water for 5 minutes. If swallowed, get prompt medical attention. For further health information, contact a national poison control number; 1-800-222-1222.

Other hazards
none present.

3. Composition/information on ingredients

Mixtures

Composition comments
Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

4. First-aid measures

Description of first aid measures

Inhalation
Move affected person to fresh air at once.

Ingestion
Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

Skin Contact
Wash skin thoroughly with soap and water.

Eye contact
Rinse with water.

Most important symptoms and effects, both acute and delayed

Inhalation
Prolonged or repeated exposure may cause the following adverse effects: Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases. May cause respiratory system irritation. Read Section 2 for any specific precautions associated with this product. In general, breathing any type of dust/mist can and may aggravate irritation of the throat and lungs.

Ingestion
Read Section 2 for any specific precautions associated with the use of this product. Products with specific warnings about ingestion will give guidance there.

Skin contact
Prolonged skin contact may cause redness and irritation.

Eye contact
Read Section 2 for any specific precautions associated with the use of this product. In general most ceramic and special products contain materials that maybe abrasive to eyes. Keeping materials from contacting the eyes is prudent. If contact does occur, flush with clean water, do not rub.

Indication of immediate medical attention and special treatment needed

Notes for the doctor
Treat symptomatically.

5. Fire-fighting measures

Extinguishing media
Use fire-extinguishing media suitable for the surrounding fire.

Special hazards arising from the substance or mixture

Specific hazards
The product is not believed to present a hazard due to its physical nature.
Kiln Cement Dry

Special protective equipment for firefighters

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

Personal precautions

For personal protection, see Section 8.

Environmental precautions

Environmental precautions

Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

Methods and material for containment and cleaning up

Methods for cleaning up

Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.

Reference to other sections

For waste disposal, see Section 13. For personal protection, see Section 8.

7. Handling and storage

Precautions for safe handling

Usage precautions

Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

Conditions for safe storage, including any incompatibilities

Storage precautions

Store in tightly-closed, original container in a dry and cool place.

Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls/personal protection

Control parameters

Ingredient comments

Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

Exposure controls

Protective equipment

Appropriate engineering controls

Provide adequate general and local exhaust ventilation. No specific ventilations requirements unless the “FAN” pictogram is shown above or specified in Section 2.

Eye/face protection

Wear eye protection. No specific eye protection required unless the “EYE PROTECTION” pictogram is shown above or specified in Section 2.

Hand protection

No specific hand protection required unless the “HAND PROTECTION” pictogram is shown above or specified in Section 2.

Hygiene measures

Using good personal hygiene practices is always appropriate. Keeping a clean work space, cleaning up properly when done, and not eating, drinking or smoking when using this product.
Kiln Cement Dry

Respiratory protection
If ventilation is inadequate, suitable respiratory protection must be worn. No specific respiratory protection required unless the "RESPIRATOR" pictogram is shown above or specified in Section 2. Using the appropriate certified protection for the operation is important if required.

9. Physical and Chemical Properties

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Powder.</td>
</tr>
<tr>
<td>Color</td>
<td>Various colors. Grey.</td>
</tr>
<tr>
<td>Odor</td>
<td>Almost odorless.</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No information available.</td>
</tr>
<tr>
<td>pH</td>
<td>6-8</td>
</tr>
<tr>
<td>Melting point</td>
<td>No information available.</td>
</tr>
<tr>
<td>Initial boiling point and range</td>
<td>No information available.</td>
</tr>
<tr>
<td>Flash point</td>
<td>No information available.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>No information available.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>No information available.</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>No information available.</td>
</tr>
<tr>
<td>Vapor pressure</td>
<td>No information available.</td>
</tr>
<tr>
<td>Relative density</td>
<td>Greater than 1.0</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>No information available.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>No information available.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>No information available.</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>none</td>
</tr>
<tr>
<td>Oxidizing properties</td>
<td>none</td>
</tr>
<tr>
<td>Other information</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

10. Stability and reactivity

Reactivity
There are no known reactivity hazards associated with this product.

Stability
No particular stability concerns.

Possibility of hazardous reactions
None known.

Conditions to avoid
None known.

Materials to avoid
None known.
## Kiln Cement Dry

### Hazardous decomposition products

None known.

### 11. Toxicological information

#### Information on toxicological effects

<table>
<thead>
<tr>
<th>Toxicological effects</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Acute toxicity - oral</strong></td>
<td>Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).</td>
</tr>
<tr>
<td>ATE oral (mg/kg)</td>
<td>500.0</td>
</tr>
</tbody>
</table>

**Skin corrosion/irritation**

Please read Section 2 thoroughly to understand the skin sensitivity risks, (if any) and precautions for safe use (if any).

**Skin sensitization**

Based on available data the classification criteria are not met.

**Eye contact**

May cause temporary eye irritation.

### 12. Ecological Information

**Ecotoxicity**

Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Toxicity**

Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

**Persistence and degradability**

No data available.

**Biodegradation**

Not inherently biodegradable.

**Bioaccumulative potential**

No information available.

**Partition coefficient**

Semi-mobile.

**Mobility in soil**

Semi-mobile.

**Results of PBT and vPvB assessment**

This product does not contain any substances classified as PBT or vPvB.

**Other adverse effects**

None known.

### 13. Disposal considerations

**Waste treatment methods**

Dispose of waste product or used containers in accordance with local regulations When handling waste, the safety precautions applying to handling of the product should be considered.
Kiln Cement Dry

14. Transport information

General
The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, DoT).

UN Number
Not applicable.

UN proper shipping name
Not applicable.

Transport hazard class(es)
No transport warning sign required.

Packing group
Not applicable.

Environmental hazards

Environmentally Hazardous Substance
Please refer to Section 2 for any environmental hazards associated with this product. If H411/H412 warnings are shown then please verify packaging and labeling requirements for larger volumes.

Special precautions for user
Not applicable.

Transport in bulk according to
Annex II of MARPOL 73/78 and the IBC Code
Not applicable.

15. Regulatory information

International Regulations

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins
Known to the State of California to cause cancer.

Inventories

Canada - DSL/NDSL
All the ingredients are listed or exempt.

US - TSCA
All the ingredients are listed or exempt.

US - TSCA 12(b) Export Notification
All the ingredients are listed or exempt.

16. Other information

General information
The following are the top 5 materials by weight listed for New Jersey (if applicable):- 1302-93-8 Aumina Silicate, 14464-46-1 Crystalline Silica, 1344-09-8 Silicic Acid, 14808-60-7 Quartz, 1332-58-7 Hydrous Alumina Silicate

Revision date
9/20/2016

Revision
4
Kiln Cement Dry

Supersedes date 4/12/2016
SDS No. 5934
Hazard statements in full H302 Harmful if swallowed.
H315 Causes skin irritation.
H320 Causes eye irritation.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.