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SAFETY DATA SHEET 48D STONEWARE (GROG) CLAY

V#004030

1. Identification

Product identifier

Product name 48D STONEWARE (GROG) CLAY
Product number 48D STONEWARE (GROG) CLAY

Recommended use of the chemical and restrictions on use

Application Dry Ceramic Clay

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 Eye Irrit. 2A - H319 Carc. 1B - H350i STOT RE 2 - H373

Label elements

Pictogram



Signal word Danger

Hazard statements H319 Causes serious eye irritation.
H350i May cause cancer by inhalation.
H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements P201 Obtain special instructions before use.
P202 Do not handle until all safety precautions have been read and understood.
P260 Do not breathe vapor/ spray.
P264 Wash contaminated skin thoroughly after handling.
P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.
P305+P351+P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 If exposed or concerned: Get medical advice/ attention.
P314 Get medical advice/ attention if you feel unwell.
P337+P313 If eye irritation persists: Get medical advice/ attention.
P405 Store locked up.
P501 Dispose of contents/ container in accordance with national regulations.

48D STONEWARE (GROG) CLAY**Supplemental label information**

WARNING: CANCER AGENT !! INHALATION MAY PRODUCE CANCER. INHALATION MAY CAUSE LUNG DAMAGE. CONTAINS: QUARTZ. PRECAUTIONS: Use in a locally exhausting hood appropriate for the operation. Damp mop after use. Use a NIOSH-certified mask for dusts and mists. Not for use by children in dry form. FIRST AID TREATMENT: For further health information, contact a national poison control number; 1-800-222-1222.

Other hazards

none present.

3. Composition/Information on Ingredients**Mixtures**

Hydrated Aluminium Silicate CAS number: 1332-58-7	10-30%
Classification Not Classified	
HYDROUS ALUMINIUM SILICATE CAS number: 1332-58-7	10-30%
Classification Not Classified	
Fireclay CAS number: 1332-58-7	10-30%
Classification Acute Tox. 4 - H332 Skin Irrit. 2 - H315 Eye Irrit. 2A - H319	
Hydrous Aluminium Silicate CAS number: 1332-58-7	10-30%
Classification Not Classified	
silica CAS number: 14808-60-7	10-30%
Classification STOT RE 2 - H373	

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fireclay	1-5%
CAS number: 14464-46-1	
Classification	
Acute Tox. 4 - H332	
Carc. 1A - H350	
STOT SE 1 - H370	

The full text for all hazard statements is displayed in Section 16.

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

Suitable 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.

Advice for firefighters

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials.

6. Accidental release measures

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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 uses(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

8. Exposure Controls/personal protection

Control parameters

Occupational exposure limits

Hydrated Aluminium Silicate

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust
 Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m³ respirable fraction
 A4
 Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction

HYDROUS ALUMINIUM SILICATE

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust
 Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m³ respirable fraction
 A4
 Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction

Fireclay

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust
 Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m³ respirable fraction
 A4
 Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction

Hydrous Aluminium Silicate

Long-term exposure limit (8-hour TWA): OSHA 15 mg/m³ total dust
 Long-term exposure limit (8-hour TWA): ACGIH 2 mg/m³ respirable fraction
 A4
 Long-term exposure limit (8-hour TWA): OSHA 5 mg/m³ respirable fraction

silica

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Long-term exposure limit (8-hour TWA): ACGIH 0.025 mg/m³ respirable fraction
A2

fireclay

Long-term exposure limit (8-hour TWA): ACGIH 0.025 mg/m³ respirable fraction
A2

OSHA = Occupational Safety and Health Administration.
ACGIH = American Conference of Governmental Industrial Hygienists.
A2 = Suspected Human Carcinogen.
A4 = Not Classifiable as a Human Carcinogen.

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

silica (CAS: 14808-60-7)

Immediate danger to life and health 50 mg/m³ 25 mg/m³

Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. No specific ventilation 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.

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

Appearance	Powder.
Color	Various colors.
Odor	Almost odorless.
Odor threshold	No information available.
pH	6-8
Melting point	No information available.
Initial boiling point and range	No information available.
Flash point	No information available.
Evaporation rate	No information available.

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Flammability (solid, gas)	No information available.
Upper/lower flammability or explosive limits	No information available.
Vapor pressure	No information available.
Relative density	Greater than 1.0
Solubility(ies)	Not applicable.
Partition coefficient	No information available.
Auto-ignition temperature	Not applicable.
Decomposition Temperature	No information available.
Viscosity	No information available.
Explosive properties	none
Oxidizing properties	none
Other information	Not applicable.

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.
Hazardous decomposition products	None known.

11. Toxicological information**Information on toxicological effects**

Toxicological effects	Please read Section 2 thoroughly to understand the toxicological risks, (if any) and precautions for safe use (if any).
<u>Acute toxicity - Inhalation</u>	
ATE Inhalation (dusts/mists mg/l)	6.07
<u>Skin corrosion/irritation</u>	
Skin corrosion/irritation	Please read Section 2 thoroughly to understand the skin sensitivity risks, (if any) and precautions for safe use (if any).
<u>Skin sensitization</u>	
Skin sensitization	Based on available data the classification criteria are not met.
Eye contact	May cause temporary eye irritation.

48D STONEWARE (GROG) CLAY**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

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

Persistence and degradability No data available.

Biodegradation Not inherently biodegradable.

Bioaccumulative potential

Partition coefficient No information available.

Mobility in soil

Mobility Semi-mobile.

Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

Other adverse effects

Other adverse effects None known.

13. Disposal considerations**Waste treatment methods**

General information 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.

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

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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 Not applicable.

Annex II of MARPOL 73/78
and the IBC Code

15. Regulatory Information

International Regulations

US State Regulations

California Proposition 65 Carcinogens and Reproductive Toxins

Known to the State of California to cause cancer.

Fireclay

10-30%

Hydrous Aluminium Silicate

10-30%

silica

10-30%

fireclay

1-5%

Hydrated Aluminium Silicate

10-30%

HYDROUS ALUMINIUM SILICATE

10-30%

Massachusetts "Right To Know" List

Fireclay

10-30%

Hydrous Aluminium Silicate

10-30%

silica

10-30%

fireclay

1-5%

Hydrated Aluminium Silicate

10-30%

HYDROUS ALUMINIUM SILICATE

10-30%

Rhode Island "Right To Know" List

Fireclay

10-30%

Hydrous Aluminium Silicate

10-30%

48D STONEWARE (GROG) CLAY

silica

10-30%

Hydrated Aluminium Silicate

10-30%

HYDROUS ALUMINIUM SILICATE

10-30%

Minnesota "Right To Know" List

Fireclay

10-30%

Hydrous Aluminium Silicate

10-30%

silica

10-30%

fireclay

1-5%

Hydrated Aluminium Silicate

10-30%

HYDROUS ALUMINIUM SILICATE

10-30%

New Jersey "Right To Know" List

Fireclay

10-30%

Hydrous Aluminium Silicate

10-30%

silica

10-30%

fireclay

1-5%

Hydrated Aluminium Silicate

10-30%

HYDROUS ALUMINIUM SILICATE

10-30%

Pennsylvania "Right To Know" List

Fireclay

10-30%

Hydrous Aluminium Silicate

10-30%

silica

10-30%

fireclay

1-5%

Hydrated Aluminium Silicate

10-30%

48D STONEWARE (GROG) CLAY*HYDROUS ALUMINIUM SILICATE*

10-30%

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):- Hydrous Aluminum Silicate1332-58-7, Crystalline Silica14808-60-7, Calcium Carbonate1317-65-3, Feldspar68476-25-5 Ground Calcined Fireclay Shapes14464-46-1
Revision date	9/20/2016
Revision	6
Supersedes date	4/6/2016
SDS No.	4883
Hazard statements in full	H315 Causes skin irritation. H319 Causes serious eye irritation. H332 Harmful if inhaled. H350 May cause cancer. H350i May cause cancer by inhalation. H370 Causes damage to organs . H373 May cause damage to organs through prolonged or repeated exposure.

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.