

**MATERIAL SAFETY DATA SHEET**

Product Name: Kiln Seal

Product Code: Seal

Manufacturer's Name: American Art Clay Co Inc.  
6060 Guion Road  
Indianapolis, IN 46254

Information Number: (800) 374-1600

Emergency Number: (800) 374-1600

Section I – Product Identification

Product Name: Kiln Seal

Product Class: Ceramic Specialty

Product Size: 8 oz

Section II – Hazardous Ingredients

Reportable Components	CAS#	Vapor Pressure Mm Hg @ Temp	Weight Percent
Sodium Silicate	01344-09-8		

This product carries the “CL” Seal. Labeling conforms to ASTM D-4236/LHAMA. Contains Sodium Silicate. See Section VI.

Section III – Physical / Chemical Characteristics

Boiling Range: NA	Specific Gravity: NA
Vapor Density: Heavier than air.	Evaporation Rate: NA
Coating V.O.C.: NA	Material V.O.C.: NA
Appearance and Odor: Thick Paste	

Section IV – Fire and Explosion Hazard Data

Flash Point: NA	Method Used: NA
Flammable Limits in Air by Volume: NA – Lower	NA – Upper
Extinguishing Media: NA	
Special Firefighting Procedures: No fire hazard.	
Unusual Fire and Explosion Hazards: No fire hazard.	

Section V – Reactivity Data

Stability: Stable	Conditions To Avoid: None
Incompatibility (Materials to Avoid): None	
Hazardous Decomposition or Byproducts: Will not occur.	
Hazardous Polymerization: Will not occur.	

#### Section VI Health Hazard Data

Inhalation Health Risks and Symptoms of Exposure: None.

Skin and Eye Contact Health Risks and Symptoms of Exposure: Eye – Severe irritant for both eye and skin  
Rinse eyes for 15 minutes with tap water. If irritation persists contact your physician. Wash hands  
immediately after use.

Skin Absorption Health Risks and Symptom of Exposure: May be harmful if swallowed. Wash hands  
immediately after use.

Ingestion Health Risks and Symptoms of Exposure: May be harmful if swallowed Get prompt medical  
attention.

Health Hazards (Acute / Chronic): Contains sodium silicate. If swallowed get prompt medical attention.  
Skin and eye irritant. Flush eyes with tap water for 15 minutes, if irritation persists see physician. Wash  
hands with soap and water after use.

Carcinogenicity: N – NTP Carcinogen      N – IARC Monographs      N – OSHA Regulated

Medical Conditions Generally Aggravated by Exposure: Unknown.

Emergency and First Aid Procedures: Contact your local poison control for further information.

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#### Section VII – Precautions for Safe Handling and Use

Steps to be taken in case released or spilled: Clean with paper towels and wet sponge.

Waste Disposal Method: Dispose of paper towels in trash and rinse sponge. In manufacturing, dispose of  
in accordance to Local, State or Federal regulations.

Precautions to be taken in handling or storing: Make sure cap is secure as product will dry out if left open.

Other Precautions: NOT FOR USE BY CHILDREN OR IN HEALTHCARE FACILITIES. Do not eat,  
drink or smoke while using.

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#### Section VIII – Control Measures

Respiratory Protection: Not necessary.

Ventilation: Not necessary.

Protective Gloves: Use impermeable protective gloves.

Eye Protection: Wear safety goggles or face shield.

Other protective clothing or equipment: Not necessary.

Work / Hygienic Practices: Refer to AMACO Product Encyclopedia & Safety Manual.

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Section IX – Disclaimer

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1/2011