

## MATERIAL SAFETY DATA SHEET

Product Name: Sahara High Fire Glazes (Lead Free) Product Code: HF Series - AP

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: Sahara High Fire Glazes Product Class: Ceramic Glaze Product Size: 1 lb., 16 oz., 25 lbs

HF 1, 9, 10, 11, 12, 13, 14, 115, 17, 18, 120, 21, 22, 23, 24, 127, 128, 129, 30, 31, 32, 133, 134, 36, 37, 140, 142, 50, 51, 52, 53, 54, 55, 56, 57, 58, 159, 60, 161, 62, 63, 164, 165, 166, 167, 170, 171, TH 1 and Class Pack

### Section II – Hazardous Ingredients

Reportable Components	CAS#	Vapor Pressure Mm Hg @ Temp	Weight Percent
Water	7732-18-5		
Sodium Borosilicate Frit	65997-18-4		
Clay	1332-58-7		
Flint	14808-60-7		
Gum	9004-32-4		

No hazardous ingredients. This product carries the "AP" Seal. Labeling conforms to ASTM D4236.

### Section III – Physical / Chemical Characteristics

Boiling Range: NA	Specific Gravity (H2O=1): Less than 2
Vapor Density: Heavier than air	Evaporation Rate: NA
Coating V.O.C.: NA	Material V.O.C.: NA
Appearance and Odor: Liquid / Dry	

### Section IV – Fire and Explosion Hazards 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 Hazard: 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 – rinse eyes with water for 15 minutes. If irritation persists contact physician. Skin – wash hands with soap and water after use.

Ingestion Health Risks and Symptoms of Exposure: No hazardous ingredients  
Health Hazards (Acute / Chronic): No hazardous ingredients.

Carcinogenicity: No – NTP Carcinogen      No – IARC Monographs      No – OSHA Regulated

Medical Conditions Generally Aggravated by Exposure: Unknown.

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

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

Steps to be taken in case material released or spilled: Specific steps not necessary.

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

Precautions to be taken in handling and storing. Always keep lid tightly on jar of moist product when not in use or storage. Uncovered product will dry out.

Other Precautions: None

#### Section VIII- Control Measures

Respiratory Protection: Not need for normal brush or sponge application. When mixing or spraying glaze use NIOSH certified mask for dust or mist.

Ventilation: Not needed for brush or sponge application. When spraying use spray booth.

Protective Gloves: Not needed.

Eye Protection: Not needed.

Other Protective Clothing or Equipment: Not needed.

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

#### Section IX – Disclaimer

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1/2011