

DEPARTMENT OF LABOR AND INDUSTRIES
INDUSTRIAL HYGIENE SECTION
POB 207
OLYMPIA, WA 98504
(206) 753-6497



#85540 1002
MATERIAL SAFETY DATA SHEET

COMPLIES WITH WAC 296-62-05413

PREPARATION/REVISION DATE

SECTION I

MANUFACTURER'S NAME

Clay Art Center Inc.

EMERGENCY TELEPHONE NO.

206-9225342 / 9227996

ADDRESS (Number, Street, City, and ZIP Code)

2636 Pioneer Way East Tacoma, Wa. 98404

CHEMICAL NAME

Hydrous Aluminum Silicate

COMMON NAME

WHITE ENGOBE

CHEMICAL FAMILY

Karinite Silicon Dioxide

FORMULA

$Al_2Si_2O_5 - SiO_2$

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL AND COMMON NAME	%	APPLICABLE EXPOSURE LIMITS		
		PEL-WISHA/OSHA	TLV-ACGIH	OTHER
Free Silica		1.29 mg/m ³		
Normally this is not fine enough to be respirable				

CARCINOGENIC INGREDIENTS

CHEMICAL AND COMMON NAME	%	REFERENCE SOURCE		
		NTP	IARC	WISHA/OSHA
none				

SECTION III HEALTH HAZARD DATA

ACUTE HEALTH EFFECTS

None if wet. If dry possible lung irritation.

CHRONIC HEALTH EFFECTS

Repeated inhalation of respirable free silica may cause delayed lung injury (silicosis)

None if wet.

ROUTES OF ENTRY

Eye - No Skin - No Ingestion - No Inhalation - Yes

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

Lung conditions

EMERGENCY AND FIRST AID PROCEDURES

Eyes- Flush with water for at least 15 minutes. Skin- wash with soap and water.

Inhalation- Remove to fresh air.

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SECTION IV CHEMICAL DATA

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BOILING POINT (°F)	NA	SPECIFIC GRAVITY (H ₂ O = 1)	NA
VAPOR PRESSURE (mm Hg.)	NA	PERCENT VOLATILE BY VOLUME (%)	NA
VAPOR DENSITY (AIR = 1)	NA	EVAPORATION RATE (_____ = 1)	NA

SOLUBILITY (Specify Solvents) Slight

APPEARANCE AND ODOR

White/ cream colored powder or liquid Earthy odor

SECTION V PHYSICAL HAZARD DATA

FLASH POINT (Method used)	Non-Flammable	FLAMMABLE LIMITS	LC ₅₀	PC ₅₀ -Uel
EXTINGUISHING MEDIA	Water			
SPECIAL FIRE FIGHTING PROCEDURES	NA			
UNUSUAL FIRE AND EXPLOSION HAZARDS	NA			
INCOMPATIBILITY (Materials to avoid)	Hydrofluoric Acid (HF)			
HAZARDOUS DECOMPOSITION PRODUCTS	NA			

	MAY OCCUR		CONDITIONS TO AVOID
HAZARDOUS POLYMERIZATION		X	
STABILITY	UNSTABLE		
	STABLE	X	

SECTION VI SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Normal clean up by dustless methods.

WASTE DISPOSAL METHOD

Any approved solid waste disposal.

SECTION VII EXPOSURE CONTROL INFORMATION

RESPIRATORY PROTECTION (Specify type)

Approved respirator for silica and dust.

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES	EYE PROTECTION
<u>Optional</u>	<u>to prevent exposure</u>

OTHER PROTECTIVE EQUIPMENT
As required to meet OSHA standardsOTHER ENGINEERING CONTROLS
NAWORK PRACTICES
Practice good house keeping, keep dust levels down, clean up spillsHYGIENIC PRACTICES
Soap and water