

DEPARTMENT OF LABOR AND INDUSTRIES
INDUSTRIAL HYGIENE SECTION
POB 207
OLYMPIA, WA 98504
(206) 753-8487



#84900

MATERIAL SAFETY DATA SHEET

COMPLIES WITH WAC 296-82-05413

PREPARATION / REVISION DATE

SECTION I

MANUFACTURER'S NAME: Clay Art Center Inc.
 ADDRESS (Number, Street, City, and ZIP Code): 2636 Pioneer Way East Tacoma, Wa 98404
 EMERGENCY TELEPHONE NO.: 206 922-5342
 CHEMICAL NAME: Clay
 COMMON NAME: *Vashon buff Idaho Buff*
 CHEMICAL FAMILY: Aluminum Silicate
 FORMULA: $Al_2O_3 \cdot 2SiO_2 \cdot 2H_2O$

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL AND COMMON NAME	%	APPLICABLE EXPOSURE LIMITS		
		PEL-WISHA/OSHA	TLV-ACGIH	OTHER
Free Silica as a component of ball clay and fireclay	up to 28%		1.07 Mg/m ³	
Much of this is not normally fine enough to be respirable. <u>Free silica is not respirable or a hazard if the clay is in the wet state.</u>				

CARCINOGENIC INGREDIENTS

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

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SECTION III HEALTH HAZARD DATA

ACUTE HEALTH EFFECTS
None

CHRONIC HEALTH EFFECTS
Possible dry skin
Prolonged inhalation of dry clay for many years may cause delayed lung injury (silicosis)

ROUTES OF ENTRY
Inhalation
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE
Lung ailments if there is exposure to dry dust.

EMERGENCY AND FIRST AID PROCEDURES
Remove to fresh air Wash with water

SECTION IV CHEMICAL DATA

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Pg 2

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)	NA		
APPEARANCE AND ODOR			

Earthy odor

SECTION V PHYSICAL HAZARD DATA

FLASH POINT (Method used)	non-flammable		FLAMMABLE LIMITS	
			Let	Uel
EXTINGUISHING MEDIA	NA			
SPECIAL FIRE FIGHTING PROCEDURES	NA			
UNUSUAL FIRE AND EXPLOSION HAZARDS	NA			
INCOMPATIBILITY (Materials to avoid)	NA			
HAZARDOUS DECOMPOSITION PRODUCTS	NA			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID	
	WILL NOT OCCUR	X		
STABILITY	UNSTABLE	X		
	STABLE	X		

SECTION VI SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED
 Keep wet Rebag Avoid breathing dust

WASTE DISPOSAL METHOD

No special precautions

SECTION VII EXPOSURE CONTROL INFORMATION

RESPIRATORY PROTECTION (Specify type)

If dry dust present use OSHA approved dust respirator suitable for silica

VENTILATION	LOCAL EXHAUST recommened for excess dust if present	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES

If dry skin is a problem

EYE PROTECTION

,generally not necessary

OTHER PROTECTIVE EQUIPMENT

none

OTHER ENGINEERING CONTROLS

WORK PRACTICES

Avoid raising dust

HYGIENIC PRACTICES

Use good housekeeping procedures, avoid raising dust, normal clean up, vaccum
 or wet mop spills.