



#85534, 85535, & 85676

1002

MATERIAL SAFETY DATA SHEET

PREPARATION/REVISION DATE

COMPLIES WITH WAC 296-62-05413

SECTION I

MANUFACTURER'S NAME

Clay Art Center Inc.

EMERGENCY TELEPHONE NO.

[206] 922-5342 922-7996

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

2636 Pioneer Way East Tacoma, Washington 98404

CHEMICAL NAME

Ball Clay and Metallic Oxide Mixture in water

COMMON NAME

Oxide Wash Red Iron/Black Iron

CHEMICAL FAMILY

Hydrous Aluminum Silicate Iron Oxide

FORMULA

$Fe_2O_3 - Al_2O_3 - SiO_2$

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL AND COMMON NAME	%	APPLICABLE EXPOSURE LIMITS		
		PEL-WISHA/OSHA	TLV-ACGIH	OTHER
Free Silica [Quartz]	5-30%	1.29 mg/m ³		
Much of this is not fine enough to be normally respirable.				
In liquid form this is not hazardous.				
TLV for Iron Oxide: Inert or Nuisance dust 5 mg/m ³ respirable 10 mg/m ³ ACGIH				

CARCINOGENIC INGREDIENTS

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

SECTION III HEALTH HAZARD DATA

ACUTE HEALTH EFFECTS

None expected

CHRONIC HEALTH EFFECTS

In liquid form none. In dry form long term exposure to dust and free silica in concentrations higher than recommended PEL may cause silicosis.

ROUTES OF ENTRY

Skin - No Inhalation - Wet/No Dry/Yes Ingestion - No Eyes - No

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

In liquid form none. In dry form may be irritating to the respiratory tract.

EMERGENCY AND FIRST AID PROCEDURES

Flush eyes with generous amounts of water for at least 15 minutes. Consult a Physician. Wash dust or wash from skin with soap and water.

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BOLING POINT (*F) NA	SPECIFIC GRAVITY (H2O= 1) 3-4
VAPOR PRESSURE (mm Hg.) NA	PERCENT VOLATILE BY VOLUME (%) 0
VAPOR DENSITY (AIR = 1) NA	EVAPORATION RATE (_____ = 1) NA

SOLUBILITY (Specify Solvents) Insoluble

APPEARANCE AND ODOR Red Iron Wash Black Iron Wash
No Odor Red to Reddish Brown Liquid/ Black Liquid

SECTION V PHYSICAL HAZARD DATA

FLASH POINT (Method used) <u>Non-Flammable</u>	FLAMMABLE LIMITS <u>NA</u>	Let	Uel
EXTINGUISHING MEDIA <u>NA</u>			
SPECIAL FIRE FIGHTING PROCEDURES <u>NA</u>			
UNUSUAL FIRE AND EXPLOSION HAZARDS <u>NA</u>			

INCOMPATIBILITY (Materials to avoid)
NA/ Product is stable

HAZARDOUS DECOMPOSITION PRODUCTS
At high temperatures Ball Clay [free quartz] can change crystal structure.

	MAY OCCUR	WILL NOT 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 procedures. Avoid raising dust. Wet mop/or vacuum.

WASTE DISPOSAL METHOD
In accordance with Federal, State, and local regulations. Not a hazardous waste.

SECTION VII EXPOSURE CONTROL INFORMATION

RESPIRATORY PROTECTION (Specify type)
None if wet. If dry use of a dust respirator is recommended when exposure is exceeded.

VENTILATION	LOCAL EXHAUST <u>If dusty</u>	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES If necessary to protect skin EYE PROTECTION Recommended to prevent contact

OTHER PROTECTIVE EQUIPMENT
Should not be necessary

OTHER ENGINEERING CONTROLS
NA

WORK PRACTICES
Do not raise dust. Keep away from foodstuffs.

HYGIENIC PRACTICES
Do not raise dust. Wash with soap and water.

Contain spills.