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



# 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**  
 ADDRESS (Number, Street, City, and ZIP Code): **4320 PACIFIC HWY E TACOMA WA 98424**  
 CHEMICAL NAME: **Metallic Oxide/Ball Clay Mixture in water** COMMON NAME: **OXIDE wash Cobalt**  
 CHEMICAL FAMILY: **Hydrous Aluminum Silicate/Cobalt Carbonate** FORMULA: **CoCO<sub>3</sub>/ Al<sub>2</sub>O<sub>3</sub>-SiO<sub>2</sub>**

SECTION II HAZARDOUS INGREDIENTS

CHEMICAL AND COMMON NAME	%	APPLICABLE EXPOSURE LIMITS		
		PEL-WISHA/OSHA	TLV-ACGIH	OTHER
Free Silica [Quartz] in Ball Clay	5-30%	1.29 mg/m <sup>3</sup>		
In liquid form this is not hazardous. Normally much of this is not fine enough to be respirable.				
Cobalt Carbonate		0.1 mg/m <sup>3</sup>		
Nickel Carbonate 0.15% of Cobalt Carbonate		1.0 mg.m <sup>3</sup> as Ni		

CARCINOGENIC INGREDIENTS

CHEMICAL AND COMMON NAME	%	REFERENCE SOURCE		
		NTP	IARC	WISHA/OSHA
Nickel please refer to MSDS / Nickel				
According to Hazard Communication Standard, compounds containing in excess of 0.1% Nickel are to be labeled as potential carcinogens.				
This water mixture with Cobalt Carbonate contains less than 10% Cobalt Carbonate and should have Nickel levels well below the maximum.				

SECTION III HEALTH HAZARD DATA

ACUTE HEALTH EFFECTS

None expected.

CHRONIC HEALTH EFFECTS

May cause local dermatitis. Toxicity due to ingestion is low. In dry form long term exposure to dust and free silica may cause silicosis.

ROUTES OF ENTRY

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

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

May cause allergic dermatitis. May cause respiratory irritation when in dry form.

EMERGENCY AND FIRST AID PROCEDURES

Eyes - Flush with water at least 15 minutes. Skin - Remove contaminated clothing. Wash with soap and water. Inhalation - Remove to fresh air. Ingestion - Induce vomiting if conscious. Consult physician.

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SECTION IV CHEMICAL DATA

BOILING POINT (°F)	NA	SPECIFIC GRAVITY (H <sub>2</sub> 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) Insoluble			

APPEARANCE AND ODOR  
 No odor Pale lavender/pink color

SECTION V PHYSICAL HAZARD DATA

FLASH POINT (Method used)	NA Non-flammable	FLAMMABLE LIMITS	Let	Uel
EXTINGUISHING MEDIA	Water			
SPECIAL FIRE FIGHTING PROCEDURES				
UNUSUAL FIRE AND EXPLOSION HAZARDS				
None expected				
HAZARDOUS DECOMPOSITION PRODUCTS				
None expected				

HAZARDOUS POLYMERIZATION	MAY OCCUR	CONDITIONS TO AVOID	
	WILL NOT OCCUR	X	
STABILITY	UNSTABLE		
	STABLE	X	

SECTION VI SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED  
 Contain spill. Flush area with water. Do not raise dust.  
 Normal clean-up procedures.

WASTE DISPOSAL METHOD  
 In accordance with Federal, State, and Local regulations.

SECTION VII EXPOSURE CONTROL INFORMATION

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

VENTILATION	LOCAL EXHAUST	SPECIAL
	MECHANICAL (General)	OTHER

PROTECTIVE GLOVES  
 If necessary to protect skin.

EYE PROTECTION  
 Recommended to prevent exposure.

OTHER PROTECTIVE EQUIPMENT  
 Should not be necessary.

OTHER ENGINEERING CONTROLS  
 NA

WORK PRACTICES  
 Do not raise dust. Keep from foodstuffs.

HYGIENIC PRACTICES  
 Wash with soap and water. Contain spills.