

## MATERIAL DATA SAFETY SHEET

30548-1050

Page 1 of 3

<b>MATERIAL DATA SAFETY SHEET</b> May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.	<b>U.S. DEPARTMENT OF LABOR</b> Occupational Health and Safety Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072
Identity: White Talc I	Product Code: 105

## SECTION I:

Manufacturer's Name: A.R.T. Studio Clay Co.	Emergency Telephone Number: 262-884-4278
Address: 9320 Michigan Ave	Telephone Number for Information: 262-884-4278
Sturtevant, WI 53177-2425	Prepared By: Michael R Hagen Date: 9/30/97

## SECTION II: HAZARDOUS INGREDIENTS/IDENTITY INFORMATION

Hazardous Components	CSA#	OSHA PEL	ACGIH TLV	Other limits	%
Crystalline Silica; flint, quartz, sand	14808-60-7	0.1 mg/M <sup>3</sup>	0.1 mg/M <sup>3</sup>		
Hydrous Aluminum Silicate; clay	1332-58-7	10 mg/M <sup>3</sup>	10 mg/M <sup>3</sup>		
Hydrous Magnesium Silicate; talc	14807-96-6	2 mg/M <sup>3</sup>	2 mg/M <sup>3</sup>		
Calcium carbonate; whiting	1317-65-3	5 mg/M <sup>3</sup>	10 mg/M <sup>3</sup>		

## SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

<b>Boiling Point:</b>	N/A	<b>Specific Gravity (H2 O=1)</b>	N/A
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## MATERIAL DATA SAFETY SHEET

Page 2 of 3

Vapor Pressure (mm Hg):	N/A	Melting Point:	N/A
Vapor Density (Air=1):	N/A	Evaporation Rate (Butyl Acetate=1)	N/A
Solubility in Water: N/A			
Appearance and Odor: Moist gray solid with an earthy odor			

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flash Point (Method used): Non-flammable	Flammable Limits: N/A	LEL: N/A	UEL: N/A
Extinguishing Media: None required			
Special Fire Fighting Procedures: N/A			
Unusual Fire and Explosion Hazards: None			

Page 1 of 2

## SECTION V: REACTIVITY DATA PRODUCT: 105 DATE: 9/30/97

Stability	Unstable		Conditions To Avoid: None
	Stable	X	
Incompatibility (Materials to Avoid): None			
Hazardous Decomposition or Byproducts: None			
Hazardous Polymerization	Unstable		Conditions to Avoid: None
	Stable	X	

## SECTION VI: HEALTH HAZARD DATE

Route(s) of Entry:	Inhalation? Yes	Skin? No	Ingestion? No
Health Hazards(Acute and Chronic): Prolonged exposure to respirable silica ma cause delayed lung injury (silicosis). Silicosis is a form of disabling pulmonary fibrosis which can be progressive and may lead to death.			
Carcinogenicity:	NTP? No	OSHA Regulated? No	IARC Monographs? Yes
IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans (volume 42, 1987)			

## MATERIAL DATA SAFETY SHEET

Page 3 of 3

concludes that there is sufficient evidence for the carcinogenicity of crystalline silica to experimental animals, and that there is limited evidence of the carcinogenicity of crystalline silica to humans.

**Signs and Symptoms of Exposure:** Undue breathlessness, wheezing, cough and sputum production.

**Medical Symptoms Aggravated by Exposure:** Pulmonary function may be reduced by inhalation of respirable crystalline silica. Smoking aggravates the effects of exposure.

**Emergency and First Aid Procedures:** Eye Contact – Flush with water and contact physician immediately

Skin Contact – Wash with mild soap and water. Inhalation – Move to fresh air.

## SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

**Steps to be taken in Case Material is Released or Spilled:** Use dustless methods (vacuum) and place into a closable container for disposal, or flush with water. Do not dry sweep. Use a dust mask.

**Waste Disposal Method:** Dispose of according to State and Federal regulations

**Precautions to be Taken in Handling and Storing:** Practice good housekeeping. Avoid creating dust.

## SECTION VIII: CONTROL MEASURES

**Respiratory Protection:** Use dust mask approved for mineral dust by NIOSH

**Ventilation:** Appropriate engineering controls and work practices should be used to minimize exposure to dust.

**Protective Gloves:** Optional

**Eye Protection:** Optional

**Work/Hygenic Practices:** Practice good housekeeping to minimize exposure to dust

A.R.T. STUDIO CLAY CO. 9320 MICHIGAN AVE. STURTEVANT, WI 53177

Page 2 of 2