

**MATERIAL DATA SAFETY SHEET**

**30548-1250**

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<p><b>MATERIAL DATA SAFETY SHEET</b></p> <p>May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.</p>	<p><b>U.S. DEPARTMENT OF LABOR</b></p> <p>Occupational Health and Safety Administration (Non-Mandatory Form)</p> <p>Form Approved</p> <p>OMB No. 1218-0072</p>
<p>Identity: White Raku I</p>	<p>Product Code: 126</p>

**SECTION I:**

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

**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>		
Cristobalite; grog	14808-60-7	0.05 mg/M <sup>3</sup>	0.05 mg/M <sup>3</sup>		

**SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS**

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<b>Boiling Point:</b>	N/A	<b>Specific Gravity (H2 O=1)</b>	N/A
<b>Vapor Pressure (mm Hg):</b>	N/A	<b>Melting Point:</b>	N/A
<b>Vapor Density (Air=1):</b>	N/A	<b>Evaporation Rate (Butyl Acetate=1)</b>	N/A
<b>Solubility in Water:</b> N/A			
<b>Appearance and Odor:</b> Moist light gray solid with an earthy odor			

## SECTION IV: FIRE AND EXPLOSION HAZARD DATA

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

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## SECTION V: REACTIVITY DATA PRODUCT: 126 DATE: 9/30/97

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

## SECTION VI: HEALTH HAZARD DATE

<b>Route(s) of Entry:</b>	<b>Inhalation?</b> Yes	<b>Skin?</b> No	<b>Ingestion?</b> No
<b>Health Hazards(Acute and Chronic):</b> 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.			
<b>Carcinogenicity:</b>	<b>NTP?</b> No	<b>OSHA Regulated?</b> No	<b>IARC Monographs?</b> Yes

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IARC Monographs on the Evaluation of the Carcinogenic Risk of Chemicals to Humans (volume 42, 1987)
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.
<b>Signs and Symptoms of Exposure:</b> Undue breathlessness, wheezing, cough and sputum production.
<b>Medical Symptoms Aggravated by Exposure:</b> Pulmonary function may be reduced by inhalation of respirable crystalline silica. Smoking aggravates the effects of exposure.
<b>Emergency and First Aid Procedures:</b> <u>Eye Contact</u> – Flush with water and contact physician immediately
<u>Skin Contact</u> – Wash with mild soap and water. <u>Inhalation</u> – Move to fresh air.

## SECTION VII: PRECAUTIONS FOR SAFE HANDLING AND USE

<b>Steps to be taken in Case Material is Released or Spilled:</b> Use dustless methods (vacuum) and place into a closable container for disposal, or flush with water. Do not dry sweep. Use a dust mask.
<b>Waste Disposal Method:</b> Dispose of according to State and Federal regulations
<b>Precautions to be Taken in Handling and Storing:</b> Practice good housekeeping. Avoid creating dust.

## SECTION VIII: CONTROL MEASURES

<b>Respiratory Protection:</b> Use dust mask approved for mineral dust by NIOSH	
<b>Ventilation:</b> Appropriate engineering controls and work practices should be used to minimize exposure to dust.	
<b>Protective Gloves:</b> Optional	<b>Eye Protection:</b> Optional
<b>Work/Hygenic Practices:</b> Practice good housekeeping to minimize exposure to dust	

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

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