

MATERIAL DATA SAFETY SHEET

30547-1050

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| MATERIAL DATA SAFETY SHEET May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements. | U.S. DEPARTMENT OF LABOR Occupational Health and Safety Administration (Non-Mandatory Form) Form Approved OMB No. 1218-0072 |
| Identity: Whitestone | Product Code: 119 |

SECTION I:

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|---|--|
| Manufacturer's Name: A.R.T. Studio Clay Co. | Emergency Telephone Number: 262-884-4278 |
| Address: 9320 Michigan Ave Sturtevant, WI 53177-2425 | Telephone Number for Information: 262-884-4278 |
| | 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 ³ | 0.1 mg/M ³ | | |
| Hydrous Aluminum Silicate: clay | 1332-58-7 | 10 mg/M ³ | 10 mg/M ³ | | |
| Hydrous Magnesium Silicate: talc | 14807-96-6 | 2 mg/M ³ | 2 mg/M ³ | | |
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SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

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| Boiling Point: | N/A | Specific Gravity (H₂O=1) | N/A |
| 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 light gray solid with an earthy odor | | | |

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

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| 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 | | | |

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SECTION V: REACTIVITY DATA PRODUCT: 119 DATE: 9/30/97

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|--|-----------------|---|----------------------------------|
| 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

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|---|------------------------|---------------------------|-----------------------------|
| 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 |

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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. |
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| 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: <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

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| 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. |
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SECTION VIII: CONTROL MEASURES

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| 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

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