PRODUCT / MATERIAL: CLAY

MANUFACTURER / DISTRIBUTOR: LAGUNA CLAY COMPANY
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## SECTION I - PRODUCT INFORMATION

TRADE NAME: EM709
SYNONYM: NAN SMITH'S SCULPTURE
CHEMICAL FAMILY: Ceramic Blend

## SECTION II - HAZARDOUS INGREDIENTS

| INGREDIENT NAME | Maximum Percent | CAS NUMBER | OSHA PEL TWA: (mg/m3) | NIOSH REL TWA: (mg/m3) | ACGIH TLV TWA: (mg/m3) |
|---|---|---|---|---|---|
| Cristobalite | 4 | 14464-46-1 | 5 mg/m3 / % SiO2 + 2 | 0.05 | 0.05 |
| Silica, Crystalline (Quartz) | 25 | 14808-60-7 | 10 mg/m3 / %SiO2 + 2 | 0.05 | 0.05 |
| Silicon Dioxide | 4 | 7631-86-9 | 80 mg/m3 / % SiO2 | | 3 |
| Talc (non asbestiform) | 7 | 14807-96-6 | 20 mppcf | | 2 |

## SECTION III - PHYSICAL DATA

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| BOILING POINT (°F) | Not Applicable |
| VAPOR PRESSURE | Not Applicable |
| VAPOR DENSITY | Not Applicable |
| SOLUBILITY IN WATER | Insoluble |
| SPECIFIC GRAVITY | 1.7 – 3.7 |
| PERCENT VOLATILE BY WEIGHT | 0 |
| EVAPORATION RATE | 0 |
| APPEARANCE AND ODOR | Color varies between moist and dry state; no odor. |

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

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| FLASH POINT | Not Flammable |
| EXTINGUISHING MEDIA | Water |
| UNUSUAL FIRE OR EXPLOSION HAZARDS | None |
| SPECIAL FIRE FIGHTING PROCEDURES | None |

## SECTION V - REACTIVITY DATA

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| STABILITY FACTOR | Product is stable. |
| INCOMPATIBILITY | None |
| HAZARDOUS DECOMPOSITION PRODUCTS | None. Hazardous polymerization will not occur. |
| CONDITIONS TO AVOID | Inhalation of dust. |

## SECTION VI - HEALTH HAZARD DATA

◆ Cristobalite

Reported inhalation of respirable cristobalite over a number of years can cause lung disease (silicosis) and increase the risks of developing respiratory cancer.

◆ Silica, Crystalline (Quartz)

A single exposure will not result in serious adverse health effects.
Respirable crystalline silica (quartz) can cause silicosis, a fibrosis (scarring) of the lungs. Silicosis may be progressive; it may lead to disability and death. Crystalline silica (quartz) inhaled from occupational sources is classified as carcinogenic to humans. There are some studies that show excess numbers of cases of scleroderma and other connective tissue disorders in workers exposed to respirable crystalline silica. Silicosis increases the risk of tuberculosis. There are some studies that show an increased incidence of chronic kidney disease and end-stage renal disease in workers exposed to respirable crystalline silica.

◆ Silicon Dioxide

Irritation eyes, pneumoconiosis.

◆ Talc (non asbestiform)

Fibrotic pneumoconiosis; irritation eyes.

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| PRIMARY ROUTES OF ENTRY: | Inhalation (dry form only), ingestion and dermal. |
| SUMMARY OF RISKS: | Individuals with a lung disease/condition (e.g.: bronchitis, emphysema, chronic pulmonary disease) can be aggravated by exposure. |
| EMERGENCY FIRST AID: | No specific first aid is necessary since the adverse health effects associated with this compound results from chronic exposures. |
| Eye Contact | May be an irritant, flush eyes with generous amounts of water for at least 15 minutes; call a physician if irritation persists. |
| Skin Contact | May cause local dermatitis, which is relieved when removed. |
| Ingestion | Toxicity due to ingestion is low. |
| Inhalation | Remove to fresh air, call a physician if irritation due to inhalation persists. |
| Physician's Note | None. |

## SECTION VII - PRECAUTIONS FOR SAFE HANDLING AND USE

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| Spills or Release Procedure | Follow normal clean-up procedures. Care should be taken to avoid causing dust to become airborne. Vacuum or use wet clean-up techniques. |
| Waste Disposal Procedure | Dispose material in accordance with Federal, State, and Local regulations. |

## SECTION VIII - CONTROL MEASURES

Provide adequate ventilation to keep dust or vapor concentrations below acceptable exposure limits. Use gloves as needed for handling material containers. Wear safety glasses when needed. Appropriate respiratory protection may be required to protect from certain dusts. Respirators must be selected and used in accordance with OSHA Subpart 1 of (29 CFR 1910.134).

## SECTION IX - TOXICOLOGICAL INFORMATION

This product (and all of it's components) is in compliance with the U.S. EPA 15 U.S. C.2604 regulation.

This product is certified as NON-TOXIC, and conforms to ASTMD-4236 and C-1023 under the federal Labeling of Hazardous Art Materials Act (LHAMA). Specific Toxicology information on materials is available upon request.

## SECTION X - REGULATORY

This product may contain materials that are reportable under Section 313 of the Emergency Planning and Community Right-To-Know Act (Superfund Amendments and Reauthorization Act – SARA), and 40 CFR Part 372.
SARA Title III Data:

These levels are "typical quantities" and may change slightly with different lots.

THIS PRODUCT CONTAINS SUBSTANCES REGULATED UNDER CALIFORNIA'S SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT (PROPOSITION 65).

## SECTION XI - DISCLAIMER

The information provided in this MSDS document has been provided to Laguna Clay Company by its material suppliers and is represented by those suppliers as accurate and reliable.

Laguna Clay Company is not liable for injury, loss, or damage, direct or consequential, arising out of the use or inability to properly use this product. This product is intended only for use in traditional ceramic applications.

This MSDS conforms to the ASTM D-4236 and C-1023 requirements defined by LHAMA, the Federal Labeling of Hazardous Art Materials Act. LHAMA was developed by the American Society of Testing and Materials (ASTM) to ensure the proper labeling of art materials.