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KAOLIN (CHINA) CLAY
MATERIAL SAFETY DATA SHEET

SECTION I. PRODUCT IDENTIFICATION

Product name: CLAY, KAOLIN, CHINA CLAY,
HYDRATED KAOLIN
Trade name: ELECTROS, PLUS WHITE, LION,
SIM 90, CALCINED, HEPHZIBAH CLAY
CLAY PRILL, SNOWBRIGHT CLAY
Chemical family: NATURALLY OCCURRING HYDRATED
ALUMINUM SILICATE
Formula: SiO_2 44%, Al_2O_3 34.5%
CAS No: 1332-58-7

SECTION II. HAZARDOUS INGREDIENTS

Preservatives & Solvents: NONE
Other gases, liquids, or solids: NONE
Minor component (2% or less) FREE RESPIRABLE SILICA
(CAS# 14808-6-7)

SECTION III. PHYSICAL DATA

Percent, Volatile: NIL
Solubility in water: NIL
Vapor pressure: NONE
Specific gravity: 2.58
Appearance: WHITE or OFF-WHITE POWDER
Odor: NONE WHEN DRY; "EARTHY" ODOR
WHEN WET

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

Flash Point: NONE
Extinguishing media: WILL NOT BURN
HMIS RATING: 0

SECTION V. REACTIVITY DATA

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|---------------------------|-----------|
| Stability: | EXCELLENT |
| Incompatibility: | NONE |
| Decomposition products: | NONE |
| Hazardous polymerization: | NONE |
| HMS Rating: | 0 |

SECTION VI. HEALTH HAZARD DATA

THIS PRODUCTS IS CONSIDERED A NUISANCE DUST

Exposure limits of minor silica content

| | | |
|-----------|------------------------|-------------------------------|
| OSHA PEL: | 0.1 mg/m ³ | AS RESPIRABLE DUST |
| ACGIH: | 0.1 mg/m ³ | TLV-TWA AS RESPIRABLE DUST |
| NIOSH: | 0.05 mg/m ³ | AS RESPIRABLE FREE SILICA |

Effects of overexposure

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|-----------------------|--|
| Short term: | COUGHING AND EYE IRRITATION |
| Long term: | CHRONIC EXPOSURE TO HEAVILY DUSTY CONDITIONS MAY LEA D TO REDUCED RESPIRATORY FUNCTION |
| ORAL LD rat toxicity: | GREATER THAN 5000mg/kg |
| Skin Irritation: | NONE |
| Eye Irritation: | SLIGHTLY IRRITATING BUT IMMEDIATELY REVERSIBLE |

First Aid and emergency procedures

WASH OR FLUSH SKIN AND EYES WITH CLEAN WATER

Carcinogenicity

KAOLIN IS NOT A LISTED CARCINOGENIC. THE PRODUCT CONTAINS MORE THAN 1/10 OF A PERCENT OF FREE SILICA, WHICH IS CLASSIFIED BY IAAC 43, 1987 AS SHOWING LIMITED EVIDENCE FOR CARCINOGENCITY IN HUMANS.

SECTION VII. SPILL, LEAK, AND DISPOSAL

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| Spills and Leaks: | SWEEP & WET MOP. AVOID DUSTY CONDITIONS. |
| Disposal: | IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS. |

SECTION VIII. SPECIAL PROTECTION

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| Respiratory: | DUST MASK MAY BE USED. |
| Protection Gloves: | NOT NEEDED |
| Eye Protection: | MAY BE USED |

Other Protection:

NONE NEEDED

SECTION IX.

SPECIAL PRECAUTIONS

AVOID DUSTY CONDITIONS. STORE IN DRY PLACE