

# MATERIAL SAFETY DATA SHEET

COMPLIES WITH: OSHA's Hazard Communications Standard  
Canada's WHMIS

## SECTION 1 -- MATERIAL IDENTIFICATION AND USE

<b>PRODUCT NAME</b> <b>NOLOCHITE R</b>		<b>DISTRIBUTED BY</b> HAMMILL & GILLESPIE INC. P.O. BOX 104 LIVINGSTON, NJ 07039	
<b>SPECIFIC CHEMICAL IDENTITY; COMMON NAME(S)</b> Kaolin; China Clay (Aluminum Silicate); calcined clay		<b>CAS NUMBER</b> 66402-68-4	
<b>MANUFACTURER'S NAME</b> ECC Internacional		<b>SUPPLIER'S NAME</b> ECC Internacional	
<b>STREET ADDRESS</b> John Keay House		<b>STREET ADDRESS</b> 5775 Peachtree-Dunwoody Road, 200G	
<b>CITY</b> St. Austell	<b>STATE</b> Cornwall, England	<b>CITY</b> Atlanta	<b>STATE</b> GA
<b>ZIP CODE</b> PL 25 4 DJ	<b>EMERGENCY TELEPHONE NUMBER</b> (404)843-1551	<b>ZIP CODE</b> 30342	<b>EMERGENCY TELEPHONE NUMBER</b> (912)552-6136

**USES**  
Raw Material Used in Manufacture of Ceramics

## SECTION 2 -- HAZARDOUS INGREDIENTS

HAZARDOUS MATERIAL	%	CAS NUMBER	LD <sub>50</sub> OF MATERIAL (SPECIFY SPECIES AND ROUTE)	LC <sub>50</sub> OF MATERIAL (SPECIFY SPECIES)

Notes

Kaolin is affirmed by the FDA as generally recognized as safe (GRAS); 21CFR. 186.1256.

## SECTION 3 -- PHYSICAL DATA

<b>PHYSICAL STATE</b> Solid		<b>ODOR AND APPEARANCE</b> Odorless white powder or gradings		<b>ODOR THRESHOLD (PPM)</b> Not applicable
<b>VAPOR PRESSURE (mm Hg.)</b> Not applicable	<b>VAPOR DENSITY (AIR=1)</b> Not applicable	<b>EVAPORATION RATE</b> Not applicable	<b>BOILING POINT (°C)</b> Not applicable	<b>FREEZING POINT (°C)</b> Not applicable
<b>SOLUBILITY IN WATER (20°C)</b> Negligible	<b>pH</b> 4.0 - 5.0	<b>SPECIFIC GRAVITY</b> 2.7		<b>COEFF. WATER ABSORB.</b> Not applicable

## SECTION 4 -- FIRE AND EXPLOSION DATA

<b>FLAMMABILITY</b> Non-Flammable	<b>CONDITIONS OF FLAMMABILITY</b>		
<b>MEANS OF EXTINCTION</b>			
<b>SPECIAL PROCEDURES</b>			
<b>FLASHPOINT (°C) AND METHOD</b>		<b>UPPER EXPLOSION LIMIT</b>	<b>LOWER EXPLOSION LIMIT</b>
<b>AUTO IGNITION TEMPERATURE (°C)</b>		<b>IDR5 FLAMMABILITY CLASSIFICATION</b>	<b>HAZARDOUS COMBUSTION PRODUCTS</b>
<b>EXPLOSION DATA</b> Non-Explosive	<b>SENSITIVITY TO IMPACT</b>	<b>SENSITIVITY TO STATIC DISCHARGE</b>	

## SECTION 5 - REACTIVITY DATA

CHEMICALLY STABLE

YES  NO IF NO, UNDER  
WHICH CONDITIONS?

COMPATIBLE WITH OTHER SUBSTANCES

YES  NO IF NO,  
WHICH ONES?

REACTIVITY, AND UNDER WHAT CONDITIONS

Not applicable

HAZARDOUS DECOMPOSITION PRODUCTS

Not applicable

## SECTION 6 - TOXICOLOGICAL PROPERTIES

PRIMARY ROUTE OF ENTRY

SKIN CONTACT EYE CONTACT INHALATION INGESTION 

EFFECTS OF ACUTE EXPOSURE TO MATERIAL

None

EFFECTS OF CHRONIC EXPOSURE TO MATERIAL

Chronic exposure to any nuisance dust may cause respiratory problems

MUTAGENICITY OF MATERIAL

None known

TERATOGENICITY OF MATERIAL

None known

EXPOSURE LIMIT OF MATERIAL

Nuisance dust TLV-TWA,  
10 mg/m<sup>3</sup> total dust

IRRITANCY OF MATERIAL

None known

SENSITIZING CAPABILITY  
OF MATERIAL

None known

CARCINOGENICITY OF  
MATERIAL

None known

REPRODUCTIVE EFFECTS OF MATERIAL

None known

SYNERGISTIC MATERIALS

None known

## SECTION 7 - PREVENTIVE MEASURES

PERSONAL PROTECTIVE EQUIPMENT

Normal precautions for nuisance dust as below

GLOVES (SPECIFY) Abrasion resistant  
gloves should be worn to avoid  
skin abrasion

RESPIRATORY (SPECIFY)

Approved dust respirator

EYE (SPECIFY)

Safety glasses

FOOTWEAR (SPECIFY)

Not required

CLOTHING (SPECIFY)

Not required

OTHER (SPECIFY)

None

ENGINEERING CONTROLS (SPECIFY E.G. VENTILATION ENCLOSED PROCESS)

Proper ventilation to maintain dust levels below TLV-TWA

LEAK AND SPILL PROCEDURES

Material is slippery when wet. Clean up by sweeping, vacuuming, or flush with water

WASTE DISPOSAL

Dispose in accordance with local, state, and federal regulations regarding solid waste

HANDLING PROCEDURES AND EQUIPMENT

Precautions for nuisance dust to maintain dust levels below TLV-TWA.

STORAGE REQUIREMENTS

Precautions for nuisance dust to maintain dust levels below TLV-TWA.

SPECIAL SHIPPING INFORMATION

Material is not restricted

## SECTION 8 - FIRST AID MEASURES

INGESTION

None required, no known hazard.

INHALATION

Remove to fresh air.

EYES

Flush with water to remove dust.

SKIN

Wash with water to remove dust.

## SECTION 9 - PREPARATION

PREPARED BY (GROUP, DEPARTMENT, ETC.)

Marketing Department

PHONE NUMBER

(404) 843-1551

DATE

Reviewed September 9, 1994  
Jan. 1, 1990