MATERIAL SAFETY DATA SHEET

SECTION 1 - MATERIAL IDENTIFICATION AND USE

PRODUCT NAME: HOLOMULITE R

SPECIFIC CHEMICAL IDENTITY: Calculated name (Ca, Al)(SiO₃)₂
Kaozin; China Clay (Aluminum Silicate); calcined clay

MANUFACTURER'S NAME: ECC International
STREET ADDRESS: John Keay House
CITY: St. Austell
STATE: Cornwall, England
ZIP CODE: PL 25 4 DJ

SUPPLIER'S NAME: ECC International
STREET ADDRESS: 5/75 Fairchase-Dunwoody Road, 0000
CITY: Atlanta
STATE: GA
ZIP CODE: 30342

EUGENE B. FISHER TELEPHONE NUMBER (404) 843-1551

USES: Raw Material Used in Manufacture of Ceramics

SECTION 2 - HAZARDOUS INGREDIENTS

HAZARDOUS MATERIAL % CAS NUMBER

LOAD OF MATERIAL (SPECIFY SPECIES AND ROUTE)

LOAD OF MATERIAL (SPECIFY SPECIES)

Notes:
Kaozin is affirmed by the FDA as generally recognized as safe (GRAS); 21CFR, 186.1256.

SECTION 3 - PHYSICAL DATA

PHYSICAL STATE: Solid
ODOR AND APPEARANCE: Odorless white powder or gradings
ODOR-threshold: Not applicable

LIQUID PRESSURE (mm Hg): Not applicable
VAPOR DENSITY (Air=1): Not applicable
EVAPORATION RATE: Not applicable
BOILING POINT (°C): Not applicable
FREEZING POINT (°C): Not applicable

INSOLUBILITY IN WATER (%): Not applicable
SPECIFIC GRAVITY: 4.0 - 5.0
COEFFICIENT OF FLAMMABILITY: 2.7

SECTION 4 - FIRE AND EXPLOSION DATA

FLAMMABILITY:
Non-Flammable

MEANS OF EXTINCTION:

SPECIAL PROCEDURES:

FLASHPOINT (°C) AND METHOD: Not applicable
UPPER EXPLOSION LIMIT: LLLM
LOWER EXPLOSION LIMIT: LLLM
FLAMMABILITY CLASSIFICATION: LLLM
HAZARDOUS COMBUSTION PRODUCTS:

EXPLOSION DATA:
Non-Explosive

SENSITIVITY TO STATIC DISCHARGE: Not applicable

MS 2
SECTION 5 – REACTIVITY DATA

CHEMICALLY STABLE

YES [ ] NO [ X ]

IF NO, UNDER WHAT CONDITIONS?

COMPATIBLE WITH OTHER SUBSTANCES

YES [ ] NO [ X ]

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 [ X ] 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/m³ total dust

IRITABILITY 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

RESPIRATORY (SPECIFY)

Approved dust respirator

FOOTWEAR (SPECIFY)

Not required

EYE (SPECIFY)

Safety glasses

SKIN (SPECIFY)

Not required

OTHER (SPECIFY)

None

ENGINEERING CONTROLS (SPECIFY E.G., VENTILATION ENCLOSURE PROCESS)

Proper ventilation to maintain dust levels below TLV-TWA

CLEAN AND MAINTAIN EQUIPMENT

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.

UNSPACED 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, 1990
Jan. 1, 1990