



MATERIAL SAFETY DATA SHEET

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SECTION I: PRODUCT IDENTIFICATION

TRADE NAMES: STEATITE, CORDIERITE, MAGNESIUM OXIDE, ALUMINA, FORSTERITE, MULLITE, AND MACHINABLE CERAMIC INSULATORS

CHEMICAL NAMES: L-3 STEATITE, L-5 STEATITE, CORDIERITE, MAGNESIUM OXIDE, ALUMINA, FORSTERITE, AND MULLITE.

CHEMICAL FAMILY: INORGANIC MAGNESIUM SILICATES

CHEMICAL STRUCTURE: PROPRIETARY

SECTION II: HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>TYPICAL</u>	<u>OCCUPATIONAL EXPOSURE LIMIT</u>
QUARTZ	0 – 3.0%	6 mg/m ³ (TWA)

SECTION III: PHYSICAL DATA

<u>BOILING POINT:</u> N/A	<u>SPECIFIC GRAVITY:</u> 2.0 – 4.0 g/cc
<u>VAPOR PRESSURE:</u> N/A	<u>MELT POINT:</u> GREATER THAN 2400° F
<u>SOLUBILITY IN WATER:</u> N/A	<u>VAPOR DENSITY:</u> N/A
<u>PERCENT VOLATILES:</u> 10%	<u>EVAPORATION RATE:</u> N/A
<u>APPEARANCE AND ODOR:</u>	FORMED RODS, BARS, TUBES, AND OTHER SHAPES. NO ODORS. COLORS: WHITE, IVORY, BLUE, BROWN, AND BLACK

SECTION IV: FIRE AND EXPLOSION DATA**FLASH POINT:** NONE**EXTINGUISHING MEDIA:** ANY**SPECIAL FIRE FIGHTING PROCEDURES:** NONE**USUAL FIRE OR EXPLOSION HAZARDS:** NONE**SECTION V: HEALTH HAZARD DATA
EMERGENCY AID PROCEDURE****INHALATION:** MOVE TO FRESH AIR, CONSULT PHYSICIAN AS NECESSARY, AVOID PROLONGED EXPOSURE TO DUST**INGESTION:** N/A**EYE CONTACT:** FLUSH WITH WATER, CONSULT PHYSICIAN AS NECESSARY**SKIN CONTACT:** WASH WITH WATER**NFPA HAZARD ID:** HEALTH: 0 FLAMMABILITY: 0 REACTIVITY: 0**HMIS HAZARD ID:** HEALTH: 1 FLAMMABILITY: 0 REACTIVITY: 0**SECTION VI: CONDITIONS FOR SAFE USE****RESPIRATORY PROTECTION:** USE NIPOSH/MSHA RESPIRATOR IF DUST IS PRESENT**EYE PROTECTION:** RECOMMENDED AS SHATTERING IS POSSIBLE.**OTHER PROTECTIVE CLOTHING:** NONE REQUIRED**VENTILATION REQUIREMENTS:** USE LOCAL EXHAUST TO REMOVE DUST.**SECTION VII: REACTIVITY DATA****HAZARDOUS PLOYMERIZATION:** NONE**HAZARDOUS DECOMPOSITION:** NONE**STABILITY:** STABLE**CONDITIONS TO AVOID:** NONE**SECTION VIII: REACTIVITY DATA****STEPS TO BE TAKEN IF MATERIAL IS SPILLED:** VACUUM OR WET SWEEP TO AVOID DUST BECOMING AIRBORNE**WASTE DISPOSAL:** DISPOSE ACCORDING TO FEDERAL, STATE, AND LOCAL REGULATIONS.

SECTION IX: SPECIAL PRECAUTIONS

SPECIAL PRECAUTIONS FOR HANDLING: STORE IN A DRY AREA. LIMIT THE CREATION OR PROLONGED INHALATION OF DUST.

OTHER PRECAUTIONS: ARTICLES MAY SHATTER IF DROPPED OR JARRED. AVOID HANDLING OF SHARP EDGES

Revisions

- 0- Initial Release – 09/2001
- 1- Reformat. 11/18/2004 (DPB)
- 2- Added Mullite and reformatted. 04/05/11 (JLS)
- 3- Added NFPA and HMIS Information 04/12/13 (JLS)