

MATERIAL SAFETY DATA SHEET

Date: August 1, 2003

SECTION I - GENERAL INFORMATION

MANUFACTURER'S NAME: Empire Blended Products, Inc.
MANUFACTURER'S ADDRESS: 250 Hickory Lane
Bayville, New Jersey 08721
EMERGENCY PHONE NUMBER: (732) 269-4949

PRODUCT NAME: LIGHTWEIGHT CONCRETE
TRADE NAME AND SYNONYMS: Empire Blended Lightweight Concrete
CHEMICAL NAME: Portland cement, expanded shale
CHEMICAL FAMILY: Calcium salts, shale
FORMULA:

SECTION II - HAZARDOUS INGREDIENTS

<u>COMPONENT</u>	<u>CAS #</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
None				

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A
MELTING POINT: N/A
VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
SOLUBILITY IN WATER: Insoluble
SPECIFIC GRAVITY: 2.35
PERCENT VOLATILE BY VOLUME: N/A
EVAPORATION RATE: N/A
APPEARANCE AND ODOR: Fine powder and granular material, gray color, no odor.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): None
FLAMMABLE LIMITS: N/A **LEL:** **UEL:**
EXTINGUISHING MEDIA: Non-combustible

SPECIAL FIRE FIGHTING PROCEDURES: None

UNUSUAL FIRE AND EXPLOSION HAZARDS: None

SECTION V - REACTIVITY DATA

STABILITY: **UNSTABLE:** **STABLE:** X
CONDITIONS TO AVOID: None

INCOMPATIBILITY (MATERIALS TO AVOID): None

HAZARDOUS DECOMPOSITION PRODUCTS: None

HAZARDOUS POLYMERIZATION: **MAY OCCUR:** **WILL NOT OCCUR:** X
CONDITIONS TO AVOID: None

SECTION VI - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: **INHALATION:** X **INGESTION:**
 SKIN ABSORPTION: **NON HAZARDOUS:**

CARCINOGENICITY: **NTP:** **OSHA:**
 IARC MONOGRAPH: **NOT LISTED:** X

HEALTH HAZARDS: ACUTE: May dry skin. Dust may cause irritation to the eyes, nose, throat or upper respiratory system.
 CHRONIC: None

SIGNS AND SYMPTOMS OF EXPOSURE: Particles may cause eye irritation. May dry skin. Dust may cause irritation to the eyes, nose, throat and upper respiratory system.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre-existing upper respiratory and lung disease such as but not limited to bronchitis, emphysema and asthma.

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: Flush with water to remove particles. If irritation continues, see a physician.

SKIN CONTACT: Wash with soap and water.

INHALATION: Remove to fresh air.

INGESTION:

SECTION VII - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION (SPECIFIC TYPE): Provide general ventilation and local exhaust ventilation. When dusty conditions exist wear a NIOSH approved dust mask.

PROTECTIVE GLOVES: Not necessary but may be desirable.

EYE PROTECTION: Goggles may be needed to avoid irritation of the eyes.

VENTILATION TO BE USED:

LOCAL EXHAUST: Recommended

MECHANICAL:

SPECIAL:

OTHER:

OTHER PROTECTIVE CLOTHING AND EQUIPMENT: N/A

HYGIENIC WORK PRACTICES: N/A

SECTION VIII - PRECAUTION FOR SAFE HANDLING AND USE/LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Sweep or vacuum material from spillage into a waste container for disposal.

WASTE DISPOSAL METHOD: Dispose of as an inert solid in a landfill or by other procedures which are acceptable under federal, state and local regulations.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Avoid excessive contact with skin.

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: Dustless method (vacuum) preferable for cleanup.