

MATERIAL SAFETY DATA SHEET

Date: July 1, 2004

SECTION I - GENERAL INFORMATION

MANUFACTURER'S NAME: Ace-Crete Products, Inc.
MANUFACTURER'S ADDRESS: 4 Rita Street
Syosset, New York 11791
EMERGENCY PHONE NUMBER: (516) 921-9595

PRODUCT NAME: LIGHTWEIGHT PLASTER MIX
TRADE NAME AND SYNONYMS: Ace-Crete Lightweight Plaster Mix
CHEMICAL NAME: Calcium sulfate, limestone
CHEMICAL FAMILY: Calcium sulfate, limestone
FORMULA:

SECTION II - HAZARDOUS INGREDIENTS

<u>COMPONENT</u>	<u>CAS #</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Plaster of Paris	26499-65-0		15 mg/m ³	10 mg/m ³
Expanded Perlite	93763-70-3		None	5 mg/m ³ Respirable 10 mg/m ³ Total

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A
MELTING POINT: 1450°C decomposes
VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
SOLUBILITY IN WATER: .14%
SPECIFIC GRAVITY: 2.8
PERCENT VOLATILE BY VOLUME: N/A
EVAPORATION RATE: N/A
APPEARANCE AND ODOR: Fine powder and granular material, white 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): Acids

HAZARDOUS DECOMPOSITION PRODUCTS: Above 1450°C SO₂ and CaO

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: Particles may cause eye irritation when mixed with water. This material hardens and then slowly becomes hot. 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: Material hardens when wetted and if ingested may result in obstruction. Call physician.

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. Slurry may plug drains.

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 creating dust. Dew point conditions or other conditions causing the presence of water, will harden the material during storage.

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: None