

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: Rip Rap
TRADE NAME AND SYNONYMS: Ace-Crete Rip Rap
CHEMICAL NAME:
CHEMICAL FAMILY:
FORMULA: Mixtures of portland or blended cements, concrete aggregates and chemical admixtures.

SECTION II - HAZARDOUS INGREDIENTS

<u>COMPONENT</u>	<u>CAS #</u>	<u>%</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Silica, Crystalline Quartz	14808-60-7	33%	10mg/m ³ Respirable 30mg/m ³ Total	0.1mg/m ³ Respirable

SECTION III - PHYSICAL/CHEMICAL CHARACTERISTICS

BOILING POINT: N/A
MELTING POINT: N/A
VAPOR PRESSURE: N/A
VAPOR DENSITY: N/A
SOLUBILITY IN WATER: Slight (0.01 to 1%)
SPECIFIC GRAVITY: 2.6
PERCENT VOLATILE BY VOLUME: N/A
EVAPORATION RATE: N/A
APPEARANCE AND ODOR: Gray, plastic, flow-able, granular material, odorless.

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): Non-combustible
FLAMMABLE LIMITS: N/A **LEL:** N/A **UEL:** N/A
EXTINGUISHING MEDIA: N/A

SPECIAL FIRE FIGHTING PROCEDURES: N/A

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:

SECTION VI - HEALTH HAZARD DATA

PRIMARY ROUTES OF ENTRY: INHALATION: Yes **INGESTION:** No
SKIN ABSORPTION: No **NON HAZARDOUS:**

CARCINOGENICITY: **NTP:** No **OSHA:** No
IARC MONOGRAPH: Yes **NOT LISTED:**

HEALTH HAZARDS: **ACUTE:** Wet plastic, unhardened concrete, can dry skin and cause alkali burns (cement dermatitis).

CHRONIC: Prolonged exposure to respirable crystalline quartz may cause delayed (chronic) lung injury (silicosis).

SIGNS AND SYMPTOMS OF EXPOSURE: Irritation of skin and burning sensation particularly when exposure is in an area of skin previously subjected to abrasion or irritation.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: None known.

EMERGENCY FIRST AID PROCEDURES:

EYE CONTACT: Irrigate eyes with water.

SKIN CONTACT: Wash exposed areas of the body with soap and water.

INHALATION: N/A

INGESTION: N/A

SECTION VII - CONTROL AND PROTECTIVE MEASURES

RESPIRATORY PROTECTION (SPECIFIC TYPE): NIOSH approved respirator is recommended.

PROTECTIVE GLOVES: Rubber
EYE PROTECTION: Goggles

VENTILATION TO BE USED:
LOCAL EXHAUST: N/A
MECHANICAL: N/A
SPECIAL: N/A
OTHER: N/A

OTHER PROTECTIVE CLOTHING AND EQUIPMENT: See section VIII

HYGIENIC WORK PRACTICES: See Section VIII

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

STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Clean up immediately.

WASTE DISPOSAL METHOD: Material can be retained until it hardens when it can be disposed of as common waste.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: Use barrier creams, gloves, boots and clothing to protect the skin from prolonged contact with plastic concrete. Particularly avoid abrasion of the skin in contact with unhardened plastic concrete.

OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS: Precautions must be observed because cement burns occur with little warning. Little heat is sensed. Tight fitting goggles should be worn when placing methods cause splashing.