Date: July 1, 2004

SECTION I - GENERAL INFORMATION

MANUFACTURER'S NAME:Ace-Crete Products, Inc.MANUFACTURER'S ADDRESS:A Rita StreetSyosset, New York11791EMERGENCY PHONE NUMBER:(516) 921-9595

PRODUCT NAME: VINYL CONCRETE PATCH TRADE NAME AND SYNONYMS: Ace-Crete Hi-Bond CHEMICAL NAME: Portland Cement, Crystalline Silica (Quartz) CHEMICAL FAMILY: Calcium Salts, Silicon Dioxide FORMULA: CaO SiO₂

SECTION II - HAZARDOUS INGREDIENTS

<u>COMPONENT</u> Silica, Crystalline Quartz <u>CAS #</u> 14808-60-7 <u>%</u> 70% **OSHA** <u>PEL</u> 10mg/m³ Respirable 30mg/m³ Total ACGIH <u>TLV</u> 0.1mg/m³ 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: Insoluble SPECIFIC GRAVITY:2.90 PERCENT VOLATILE BY VOLUME: 0% EVAPORATION RATE: N/A APPEARANCE AND ODOR: Fine powder and granular material, white or gray color, no odor

SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (METHOD USED): Non-flammable, non-combustible or explosive FLAMMABLE LIMITS: LEL: None UEL: None EXTINGUISHING MEDIA: None

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: Yes INGESTION: No SKIN ABSORPTION: No NON HAZARDOUS:
CARCINOGENICITY: NTP: No OSHA: No IARC MONOGRAPH: Yes NOT LISTED:

HEALTH HAZARDS: ACUTE: Acute or rapidly developing silicosis may occur in a short period of time in heavy exposure in certain occupations such as sandblasters. Silicosis is a form of disabling pulmonary fibrosis which can be progressive and may lead to death.

SIGNS AND SYMPTOMS OF EXPOSURE:

Material can dry the skin and cause alkali burns. Dust can irritate the eyes and upper respiratory system.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:

Pulmonary function may be reduced by inhalation of respirable crystalline silica.

EMERGENCY FIRST AID PROCEDURES:

- **EYE CONTACT:** Wash immediately with water. If irritation persists, seek medical attention.
- **SKIN CONTACT:** Wash exposed areas with soap and water.
- **INHALATION:** For gross inhalation remove person to fresh air, give artificial respiration as needed, seek medical attention as needed.

INGESTION:

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

SECTION VII - CONTROL AND PROTECTIVE MEASURES

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

PROTECTIVE GLOVES:Recommended**EYE PROTECTION:**Recommended

VENTILATION TO BE USED: LOCAL EXHAUST: Needed in dusty conditions MECHANICAL: SPECIAL: OTHER:

OTHER PROTECTIVE CLOTHING AND EQUIPMENT: Boots when placing material

HYGIENIC WORK PRACTICES:

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: Can be salvaged for use if not contaminated or removed as common waste

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.