

# 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:** ANCORAPID  
**TRADE NAME AND SYNONYMS:** Ace-Crete Ancorapid  
**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 <sup>3</sup>	10 mg/m <sup>3</sup>

## 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:** .2%  
**SPECIFIC GRAVITY:** 2.8  
**PERCENT VOLATILE BY VOLUME:** N/A  
**EVAPORATION RATE:** N/A  
**APPEARANCE AND ODOR:** Finely ground gray powder, 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

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**SECTION V - REACTIVITY DATA**


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

**INCOMPATIBILITY (MATERIALS TO AVOID):** Acids

**HAZARDOUS DECOMPOSITION PRODUCTS:** Above 1450°C SO<sub>2</sub> and CaO

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

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**SECTION VI - HEALTH HAZARD DATA**


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

**CARCINOGENICITY:**                    **NTP:Yes**                    **OSHA:Yes**  
**IARC MONOGRAPH:2A**                    **NOT LISTED:**

**HEALTH HAZARDS: ACUTE:** May cause eye irritation and possible corrosion damage. This material hardens and then slowly becomes hot. May dry skin. Irritating and may be corrosive to respiratory tract. May be corrosive to digestive tract. If ingested may result in obstruction.

**CHRONIC:** Long term inhalation of large amounts of respirable dust can cause lung damage.  
(Pulmonary fibrosis)

**SIGNS AND SYMPTOMS OF EXPOSURE:** May cause eye irritation and possible corrosion damage. May dry skin. Irritating and may be corrosive to respiratory tract. May be corrosive to digestive tract. If ingested may result in obstruction.

**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:** Dilute by giving 2 glasses of milk or water to drink, followed by fruit juices or diluted vinegar to neutralize the alkali. Material hardens when wetted and if ingested may result in obstruction. Call physician.

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**SECTION VII - CONTROL AND PROTECTIVE MEASURES**

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**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

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

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**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:** Dew point conditions or other conditions causing the presence of water, will harden the material during storage. Be sure proper ventilation and respiratory and eye protection are used in dusty conditions.

**OTHER PRECAUTIONS AND/OR SPECIAL HAZARDS:** None