

**American Soil Technologies, Inc.**

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**MATERIAL SAFETY****DATA SHEET**

PRODUCT/TRADE NAME:

ANCHOR MP

**I. GENERAL INFORMATION/IDENTITY INFORMATION**

PRODUCT/TRADE NAME: ANCHOR MP

EPA REGISTRATION #: NONE

NAMES &amp; SYNONYMS:

25% Liquid anionic polyacrylamide

FORMULA: Proprietary

CAS No.: Proprietary

HAZARDOUS CLASSIFICATION: Not Hazardous

MOTOR FREIGHT CLASS: Not DOT Regulated

ITEM NUMBER: N/A

BILL OF LADING DESCRIPTION: Adhesive, Adjuvants, Spreaders or Stickers

**II. HAZARDOUS INGREDIENTS**

	CAS#	OSHA PEL	TLV
Petroleum distillate			
Hydrotreated light (25%)	64742-47-8	500 ppm	NE
Polymer	25085-02-3	NE	NE

**III. PHYSICAL DATA**SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.0

MELTING POINT: N/E

VAPOR DENSITY (AIR = 1): Similar to Water

% VOLATILES BY VOL.: 60

ODOR: Slight Ammonia

APPEARANCE: Translucent

FLASH POINT/METHOD: &gt;93.3 C 200 Degrees F Closed Cup

VAPOR PRESSURE (mmHg): N/A

SOLUBILITY IN H<sub>2</sub>O: Soluble

EVAPORATION RATE (BUTYL ACETATE = 1): N/A

BULK DENSITY: N/A

**IV. FIRE & EXPLOSION HAZARD**

FLASH POINT (METHOD): Closed Cup

AUTOIGNITION TEMPERATURE: N/A

FLAMMABLE LIMITS: LEL N/A, UEL N/A

EXTINGUISHING MEDIA: Use carbon dioxide or dry chemical for small fires and water fog or foam (alcohol polymer or ordinary) for large fires. Water stream may spread flames.

SPECIAL HAZARDS: Keep container cool by spraying with water if exposed to fire.

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters exercise caution. Spilled product in contact with water creates extremely slippery conditions. Fire fighters should use self-contained breathing apparatus and full turnout gear. Avoid exposure to smoke.

**V. CARCINOGEN STATUS**

No Listing

**VI. REACTIVITY**

STABILITY: Stable at temperatures above 40 degrees F. Do not allow product to freeze.

CONDITIONS TO AVOID: Temperatures below 40 degrees F.

MATERIAL TO AVOID: Strong oxidizers, iron, copper, aluminum.

HAZARDOUS DECOMPOSITION PRODUCTS: carbon monoxide, carbon dioxide, ammonia, hydrochloric acid, oxides of nitrogen

**VII. SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE OF SPILL: Dike the area using absorbent or materials such as sand or clay. Recover and contain as much product as possible using absorbent. Clean spill area using a solution of water and detergent. Collect and contain wash water and all contaminated absorbent for disposal. If spilled on the ground, the affected area should be excavated to a depth of 1-2 inches. Wear appropriate protective equipment during the cleanup.

DISPOSAL: Dispose of in accordance with Federal, State and local regulations.

**VIII. HEALTH PRECAUTION/TOXICOLOGICAL DATA**

ACUTE ORAL LD50 (Rat): &gt;5 g/kg

ACUTE Dermal LD50 (Rabbit): &gt;3.16 g/kg

ACUTE INHALATION: &gt;700 ppm

EYE IRRITATION (Rabbit): May cause eye irritation

DERMAL IRRITATION (Rabbit): Not Determined

DERMAL SENSITIZATION: Not Determined

ACGIH (TLV)/OSHA (TWA): Not Determined

NOT LISTED AS A CARCINOGEN BY NRC, IARC, OR

OSHA

SIGNS OF EXPOSURE: Gastric distress, ulceration, diarrhea, reddening, swelling of affected area with possible itching burning or other discomfort

PRIMARY ROUTES OF ENTRY: Ingestion

EXISTING MEDICAL CONDITIONS POSSIBLY AGGRAVATED BY EXPOSURE: Skin contact may aggravate preexisting skin conditions. Inhalation of mists may aggravate preexisting respiratory conditions.

**EMERGENCY AND FIRST AID PROCEDURES:****SWALLOWING:** If swallowed, call a physician immediately. Only induce vomiting at the instruction of a physician. Never give anything by mouth to an unconscious person.**Skin:** Wash affected area with plenty of soap and water. Remove contaminated clothing and launder separately. Get medical attention if pain or irritation persists after washing or if signs and symptoms of overexposure appear.**Inhalation:** Remove victim to fresh air. If not breathing, administer artificial respiration. GET MEDICAL ATTENTION.**EYES:** Hold eyelids open and flush with a steady stream of water for at least 15 minutes**California Proposition 65 Warning (applicable in California Only) This product contains (a) chemical(s) known to the State of California to cause cancer.****IX. SPECIAL PROTECTION INFORMATION:**

Respiratory Protection: Wear a properly fitted NIOSH/MSHA approved respirator for organic vapors.

VENTILATION: Local exhaust.

PROTECTIVE CLOTHING: Chemical resistant gloves, coveralls, apron, and foot coverings.

EYE PROTECTION: Tight fitting goggles are recommended.

**X. SPECIAL PRECAUTIONS:** Keep out of reach of children. Read and follow all label instruction. Use caution, spilled material in contact with water may create very slippery conditions.**XI. REGULATORY STATUS:**

SARA TITLE III

Section 302-304 (40 CFR 350):

Extremely Hazardous Substance (EHS): N/A

SARA Section 313 Reportable Toxic Chemicals: None

DATE PREPARED: 12/8/2003

REVISED DATE: 12/8/2003

The information provided in this Material Safety Data Sheet has been compiled from our experience and data presented in various technical publications. It is the users responsibility to determine the reliability of this information for the adoption of safety precautions as may be necessary. We reserve the right to revise Material Safety Data Sheets from time to time as new technical information becomes available. The information contained herein is furnished without warranty of any kind.