

MATERIAL SAFETY DATA SHEET

Date of Revision: January 2006

SECTION I - PRODUCT IDENTIFICATION

Manufactured by: **VentureTECH Corporation**
10720 Lexington Drive
Knoxville, TN 37932

Information Phone: (865) 966-2532
Emergency Phone: (865) 544-9400

Chemical Name:

! NFPA Hazard Ratings: Health - 2
! none -> extreme Fire - 0

Trade Name:

SOIL BLOCK

! 0 ----> 4 Reactivity - 0

Chemical Family:

! Special Hazard Warning -

Formula:

Proprietary Blend of Silicates,
Phosphates & Surface Active Agents

! Personal Protection -

SECTION II - HAZARDOUS INGREDIENTS

Principal Hazardous Compound:
Sodium Meta Silicate

Percent:
0-30%

CAS No:
6834-92-0

TLV:

SECTION III - HEALTH HAZARD DATA

Permissible Exposure Level:

Not Established

Effects of Overexposure:

PRIMARY ROUTES OF ENTRY:

(X) Skin Contact (X) Eye Contact (X) Inhalation (X) Ingestion

SIGNS AND SYMPTOMS OF EXPOSURE:

ACUTE: Irritant to eyes and skin. Irritant to mucous membranes of the respiratory tract.

CHRONIC: Irritant to eyes and skin. Irritant to mucous membranes of the respiratory tract.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE: Respiratory irritation from excessive breathing of dusts.

Repeated contact may cause redness and dry cracked skin.

CARCINOGENICITY: () OSHA () NTP () IARC

EMERGENCY PROCEDURES: FIRST AID:

Inhalation: Remove from further exposure to dusts to fresh air. Consult physician if symptoms persist.

Skin Contact: Remove contaminated clothing and wash contaminated areas with plenty of water for 15 minutes.

Eye Contact: Flush eyes immediately with large quantities of water for 15 minutes, lifting the eyelids occasionally. Get medical attention.

Ingestion: Give large quantities of water. Consult physician if symptoms persist.

SECTION IV - PHYSICAL DATA

Appearance & Odor: White powder

Boiling Range: NA

Percent Volatile by Volume: 0

Evaporation Rate: NA

Specific Gravity: NA

Vapor Density: NA

Wt. per Gallon: NA

Solubility in Water: Complete

pH: of 5% sol. >12

SECTION V - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: Non-Combustible

Flash Point: None

LEL:

UEL:

Extinguishing Media:

Non-Combustible. Fight source of fire with water spray, carbon dioxide, chemical foam, dry chemical as required by surrounding materials.

Special Fire fighting Procedures:

If this material is involved in a fire, NIOSH approved self contained respiratory should be worn. Thermal decomposition emits oxides of Phosphorus.

Unusual Fire & Explosion Hazards:

None

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SECTION VI - REACTIVITY DATA

Stability:

(X) Stable () Unstable

Incompatibility:

Reducing agents and acids.

Conditions to Avoid:

Contact with acids will release volumes of Carbon Dioxide and heat.

Hazardous Decomposition Products:

None

Hazardous Polymerization:

(X) Will not occur, () May occur

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SECTION VII SPILL OR LEAK PROCEDURES

Steps To Be Taken in Case Material is Released or Spilled:

Confine as much as possible. Shovel and sweep up powder and transfer to containers for disposal. If in use solutions, dike and absorb with inert material such as Oil dry or Vermiculite. Flush contaminated area with plenty of water.

Avoid wash water entering natural waterways or public water supplies.

Waste Disposal Method:

Dispose of waste in accordance with Federal, State, and local ordinances.

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SECTION VIII - SPECIAL PROTECTION INFORMATION

Respiratory Protection:

Use NIOSH/MSHA approved dust respirator.

Ventilation:

Local Exhaust. Good room ventilation usually adequate for most operations.

Protective Gloves:

Minimize skin contact. Impervious rubber or neoprene gloves recommended.

Eye Protection:

Chemical type goggles or face shield recommended.

Other Protective Equipment:

Wear appropriate protective clothing to prevent contact with product in concentrated form.

Wash hands thoroughly after use.

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SECTION IX - SPECIAL PRECAUTIONS

Precautions To Be Taken in Handling and Storing:

Empty containers should be reconditioned by certified firms. Disposal of empty containers should be in accordance with applicable laws and regulations. Store in a cool, dry place. Keep container closed. Keep out of reach of children.

Other Precautions:

The information in this data sheet has been assembled by the manufacturer based on its own studies and on the work of others. The manufacturer makes no warranties, express or implied as to the accuracy, completeness, or adequacy of the information contained herein. The manufacturer shall not be liable (regardless of fault) to the vendee, the vendee's employees, or anyone for any direct, special or consequential damages arising out of or in connection with the accuracy, completeness, adequacy or furnishing of such information.

SOIL BLOCK