



MATERIAL SAFETY DATA SHEET

SECTION I: MATERIAL IDENTIFICATION

Product Name: **FLEX – Stabilizing Agent and Dust Suppressant**

Formula: *Complex organic polymer*

Manufacturer: *EnviroTech Services, Inc.*

Address: *910 54th Ave
Greeley, CO 80634*

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Updated: *January 1, 2010*

SECTION II: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

Name	NONE	CAS #	NONE	% by Weight
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SECTION III: PHYSICAL/CHEMICAL CHARACTERISTICS

Boiling Point:	<i>Not Determined</i>	Vapor Pressure:	<i>Not Determined</i>
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Solubility in Water:	<i>100%</i>	Specific Gravity:	<i>CD</i>
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Melting Point:	<i>N/A</i>	pH:	<i>5.0 – 9.0</i>
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Appearance and Odor: *White to off – white, free – flowing powder. No odor*

SECTION IV: FIRE AND EXPLOSION HAZARD DATA

Flammable Limits: *Not Determined*

LEL: *Not Determined*

UEL: *Not Determined*

Extinguishing Media: *Water, carbon dioxide and dry chemical*

Flash Point: *None*

Special Fire Fighting Procedures:

Keep people away. Isolate fire area and deny unnecessary entry. Soak thoroughly with water to cool and prevent re-ignition. Cool surroundings with water to localize fire zone. Hand held carbon dioxide or dry chemical hazard may result from forceful application of fire extinguishing agents.

Unusual Fire and Explosion Hazards: *Dust Explosion Hazard*

Hazardous Combustion Products:

During a fire, smoke may contain the original material in addition to unidentified toxic and / or irritating compounds. Hazardous combustion products may include and are not limited to carbon monoxide, carbon dioxide.

Other Flammability information:

Mechanical handling can cause formation of dusts. To reduce the potential for dust explosion, do not permit dust to accumulate. Material can be ignited by static discharge. Electrically ground all equipment. Do not permit dust to accumulate. Dust layers can be ignited by spontaneous combustion or other ignition sources. When suspended in air dust can pose an

explosion hazard.

NFPA Classification: 4=Severe, 3=Serious, 2=Moderate, 1=Slight, 0=Minimal

Health=0 Flammability=1 Reactivity=0

SECTION V: REACTIVITY DATA

Stability: *Stable at most temperatures and pH ranges*

Incompatibilities: *None known*

Hazardous Decomposition or Byproducts: *None.*

Hazardous Polymerization: *Will not occur*

Conditions to Avoid:

1. *High levels of particulate atomized in a confined space*
 2. *Material becomes slippery when wet*
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SECTION VI: HEALTH HAZARD DATA

Signs and Symptoms of Exposure:

Skin: *Essentially nonirritating to skin. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.*

Eye: *Essentially nonirritating to skin. A single prolonged exposure is not likely to result in the material being absorbed through skin in harmful amounts.*

Inhalation: *Single exposure to dust is not likely to be hazardous.*

Ingestion: *Single dose oral toxicity is considered to be low. No hazards anticipated from swallowing small amounts incidental to normal handling operations.*

First Aid:

EYE: *Flush eyes with plenty of water, mechanical effects only.*

SKIN: *Wash off in flowing water or shower.*

INGESTION: *No adverse effects anticipated by this route of exposure incidental to proper industrial handling.*

INHALATION: *No adverse effects anticipated by this route of exposure.*

SECTION VII: PRECAUTION FOR SAFE HANDLING AND USE

Steps to be taken in Case Material is Released or Spilled: *No special precautions.*

Flush with water.

Waste Disposal Method: *Soluble in water-neutral or slightly basic solution occurs.*

Precautions to be taken in Handling and Storage: **KEEP OUT OF THE REACH OF CHILDREN.**

Avoid contact with eye, skin or clothing. Wash thoroughly after handling. Practice reasonable care and precautions.

Other Precautions: *Not for food or drug use. Do not take internally.*

SECTION VIII: CONTROL MEASURES

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HANDLING: Good housekeeping and controlling of dusts are necessary for safe handling of product. No smoking, open flames or sources of ignition in handling and storage area.

STORAGE: Store in a dry place. Store below 90 F (32 C).

PERSONAL PROTECTIVE EQUIPMENT

EYE / FACE PROTECTION: Use safety glasses. If there is a potential for exposure to particles, which could cause mechanical injury to the eye, wear chemical goggles.

SKIN PROTECTION: No precautions other than clean body-covering clothing should be needed.

RESPIRATORY PROTECTION: Atmospheric levels should be maintained below the exposure guideline. In dusty atmospheres, use an approved dust respirator.

Ventilation: Provide general and / or local exhaust ventilation to control airborne levels below the exposure guidelines.

EXPOSURE GUIDELINES: IHG is 10 mg/m³.

Other: None

SECTION IX: Toxicological and Ecological Information

INGESTION: The oral LD50 for rats is >10,000 mg/kg.

ENVIRONMENTAL FATE

MOVEMENT & PARTITIONING: No bioconcentration is expected because of the relatively high molecular weight (MW greater than 1000).

DEGRADATION & PERSISTENCE: Biodegradation may occur under aerobic conditions (in the presence of oxygen). The half-life in activated sludge is less than 20 days.

ECOTOXICITY: Not expected to be acutely toxic.

The information contained in this Material Safety Data Sheet is, to the best of our knowledge, accurate and reliable. No warranty of any kind is either expressed or implied.

This information should be provided to all individuals handling this product. Federal, state, and local regulations should be followed when handling this product.