



AMERICAN HYDROTECH, INC.
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GardNet

SECTION I

CHEMICAL NAME & SYNONYMS: N.A.
CHEMICAL FAMILY: Polyolefin
TRADE NAME & SYNONYMS: Soil Confinement Assembly
FORMULA: N.A.

SECTION II – HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>C.A.S. #</u>	<u>%</u>	<u>TLV EXPOSURE LIMITS</u>
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This product does not meet the definition of a hazardous material given in 29 CFR Part 1910.1200 (OSHA). Information furnished as a customer service.

SECTION III – PHYSICAL DATA

BOILING POINT (°F):	N. App.	MELTING POINT: (°F)	250-270
VAPOR PRESSURE (mmHg @ 20°C):	N. App.	PERCENT VOLATILE BY VOLUME:	N.App.
VAPOR DENSITY (AIR=1):	N.App.	EVAPORATION RATE (BUTYL ACETATE=1):	N.App.
SPECIFIC GRAVITY (H ₂ O=1):	0.91 – 0.96		

SOLUBILITY IN WATER: Insoluble
APPEARANCE AND ODOR: Black polymer strips, welded into cellular net. No odor.

SECTION IV – FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED): Greater than 400°F (cleveland open cup)
FLAMMABLE LIMITS: N.App.

EXTINGUISHING MEDIA: Carbon dioxide, dry chemical foam, water spray
SPECIAL FIRE FIGHTING PROCEDURES: Respiratory and eye protection for fire fighting personnel.
UNUSUAL FIRE/EXPLOSION HAZARDS: Combustion may produce carbon monoxide and irritating smoke.

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE(S): No OSHA PEL for this mixture.

Particulates not otherwise regulated (dust): 15 mg/m³ total dust; 5 mg/m³ respirable dust.

No ACGIH TLV for this mixture.

Particulates not otherwise regulated (dust): 10 mg/m³ total dust.

FOR OVEREXPOSURE BY:

EYES: This product is an inert solid. If in eye, remove as one would any foreign object.

SKIN: If contacted by molten polymer, immediately flush area with large amounts of water. Call for prompt medical attention.

INHALATION: In case of adverse exposure to fumes formed at elevated temperatures, immediately remove the individual from exposure. If breathing has stopped, give immediate artificial respiration. Call for prompt medical attention.

INGESTION: This product is not known to be harmful by oral ingestion.

SECTION VI – REACTIVITY DATA

STABILITY: Stable

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: May burn or react violently with fluorine/oxygen mixtures. May be decomposed by strong oxidizing agents such as nitric and sulfuric acids, and chlorinating agents.

HAZARDOUS DECOMPOSITION PRODUCTS: Thermal decomposition products may include CO, CO₂, and organic vapors

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Solid material, normal clean-up procedures

WASTE DISPOSAL METHODS: Dispose of in accordance with all applicable federal, state and local guidelines. Product does not meet definition of hazardous waste.

SECTION VIII – SPECIAL PROTECTION INFORMATION DURING INSTALLATION

VENTILATION (TYPE): None required.

RESPIRATORY PROTECTION: None required.

PROTECTIVE CLOTHING & EQUIPMENT: Typical protective clothing for construction related activities.

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: No special requirements

Information presented herein has been compiled from sources considered to be dependable and current, and is accurate and reliable to the best of our knowledge, but is not guaranteed to be so. It is the user's responsibility to determine for himself the suitability of this information for his safe use of this product, and to adopt such proper safety precautions as may be necessary to provide adequate worker and plant protection.