



AMERICAN HYDROTECH, INC.
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PMR STONE FILTER FABRIC
 WHITE

SECTION I

CHEMICAL NAME & SYNONYMS:
 CHEMICAL FAMILY: Polypropylene Non-Woven Geotextile
 TRADE NAME & SYNONYMS: Filter Fabric
 FORMULA:

SECTION II – HAZARDOUS INGREDIENTS

INGREDIENT	C.A.S. #	%	EXPOSURE LIMITS
Polypropylene	9003-07-0	90 – 99.5	OSHA total dust: 15 mg/m ³ OSHA respirable: 5 mg/m ³ ACGIH TLV-TWA: 10 mg/m ³
Polyethylene	9002-88-4	0 – 8	No limit established
Lubricants – fatty acids or esters	Blend	0 – 1.5	No limit established
UV Stabilizers	Various	0 – 0.9	No limit established
Pigments	Various	0 – 1.0	No limit established
Carbon Black	1333-86-4	0 – 2.0	OSHA PEL: 3.5 mg/m ³ ACGIH TWA: 3.5 mg/m ³

This product has been evaluated and does not require a hazard warning on the label under OSHA criteria. It is an article and, as such, is excluded per 29 CFR 1910.1200(b)(6)(v) of the OSHA Hazard Communication Standard.

SECTION III – PHYSICAL DATA

BOILING POINT (°F):	N.App.	PERCENT VOLATILE BY VOLUME:	N.App.
VAPOR PRESSURE (mmHg @ 20°C):	N.App.		
VAPOR DENSITY (AIR=1):	N.App.	EVAPORATION RATE (BUTYL ACETATE=1):	N.App.
SPECIFIC GRAVITY (H ₂ O=1):	0.9		

SOLUBILITY IN WATER: Negligible, below 0.1%
 APPEARANCE AND ODOR: Non-woven white fabric. Odorless.

SECTION IV – FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED): >600°F (315°C)
 FLAMMABLE LIMITS: N. Av.

EXTINGUISHING MEDIA: Agents approved for Class A hazards (e.g., foam, steam) or water fog.
 SPECIAL FIRE FIGHTING PROCEDURES: Move material away from fire area if it can be done without risk. Avoid inhalation of combustion by-products. Stay upwind and keep out of low areas.
 UNUSUAL FIRE/EXPLOSION HAZARDS: None identified.

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE(S): See Section II

SIGNS/SYMPTOMS/EFFECTS OF OVEREXPOSURE: Particles/fibers may cause irritation/discomfort
EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for at least 15 minutes. Get medical attention if irritation develops.
SKIN: Wash exposed skin with soap and water. Get medical attention if irritation develops.
INHALATION: If adverse effects occur, remove to uncontaminated area. Get medical attention.
INGESTIONS: If a large amount is swallowed, get medical attention.

SECTION VI – REACTIVITY DATA

STABILITY: Stable
CONDITIONS TO AVOID: None identified.

HAZARDOUS POLYMERIZATION: Will not occur.
CONDITIONS TO AVOID: None identified.

INCOMPABILITY (MATERIALS TO AVOID): None identified.
HAZARDOUS DECOMPOSITION PRODUCTS: Incomplete burning can produce carbon monoxide and/or carbon dioxide and other harmful products.

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Contain and remove by mechanical means.

WASTE DISPOSAL METHODS: Enclosed-controlled incineration is recommended unless directed otherwise by applicable ordinances.

SECTION VIII – SPECIAL PROTECTION INFORMATION

VENTILATION (TYPE): None required.

RESPIRATORY PROTECTION: None required; however, use of adequate ventilation is good industrial practice.

PROTECTIVE CLOTHING & EQUIPMENT: None required; however, use of eye protection and protective gloves/clothing, is good industrial practice.

SECTION IX – SPECIAL PRECAUTIONS

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