



AMERICAN HYDROTECH, INC.
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MONOLITHIC MEMBRANE 7800
TROWEL GRADE

SECTION I

CHEMICAL NAME & SYNONYMS: N. App.
CHEMICAL FAMILY: N. App.
TRADE NAME & SYNONYMS: Monolithic Membrane 7800 (MM 7800)
FORMULA: N. Av.

SECTION II – HAZARDOUS INGREDIENTS

INGREDIENT	C.A.S. #	%	TLV EXPOSURE LIMITS
ASPHALT	8052-42-4	30-40	PEL: 5mg/m3; TLV: 5mg/m3
PETROLEUM HYDROCARBONS	64742-95-6	15-25	PEL: 100 ppm; TLV: 100 ppm
SBS BLOCK COPOLYMER	66070-58-4	15-25	N. App.
*1,2,4 – TRIMETHYLBENZENE	95-63-6	7	TWA: 25 ppm
*XYLENE	1330-20-7	3	TWA:100 ppm; STEL:150 ppm
*CUMENE	98-82-8	2	TWA: 50 ppm
ETHYLBENZENE	100-41-4	<1	TWA:100 ppm; STEL:125 ppm
ZINC DIBUTYLDITHIOCARBAMATE	136-23-2	<1	N. App.
ORGANOPHILIC CLAY	121888-67-3	0.5-3	PEL: 15 mg/m3; TLV: N. App.
AMORPHOUS GLASS FIBER	TRADE SECRET	<1	N. App.
UV ABSORBER	52829-07-9	<1	N. App.
	25973-55-1	<1	
SILICONE DIOXIDE	7631-86-9	10-20	PEL:20mppcf; TLV: 10mg/m3

* indicates toxic chemicals subject to the reporting requirements of section 313 of Title III and of 40 CFR 362

SECTION III – PHYSICAL DATA

BOILING POINT (°F):	315	PERCENT VOLATILE BY VOLUME:	N. App.
VAPOR PRESSURE (mmHg @ 20°C):	N. App.		
VAPOR DENSITY (AIR=1):	>1	EVAPORATION RATE (BUTYL ACETATE=1):	<1
SPECIFIC GRAVITY (H ₂ O=1):	1.02		

SOLUBILITY IN WATER: Negligible
APPEARANCE AND ODOR: Black paste, mild solvent odor

SECTION IV – FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED): 107°F (PMCC)
FLAMMABLE LIMITS: Lower: 1 Upper: 6
EXTINGUISHING MEDIA: Foam, CO2, dry chemical, water fog
SPECIAL FIRE FIGHTING PROCEDURES: Positive pressure, self-contained breathing apparatus (SCBA) and structural firefighters protective clothing will provide limited protection.
UNUSUAL FIRE/EXPLOSION HAZARDS: Flammable/combustible material; may be ignited by heat, sparks or flame. Vapors may travel to a source of ignition and flash back. Containers may explode in heat or fire. Vapor explosion hazard indoors, outdoors or in sewers. Runoff to sewers may create fire or explosion hazard.

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE(S): N. App.

SIGNS/SYMPTOMS/EFFECTS OF OVEREXPOSURE: Severe irritation, redness, tearing and blurred vision. Moderate irritation, defatting and dermatitis of the skin. Respiratory irritation, dizziness, fatigue, nausea, headache and possible unconsciousness. Gastrointestinal irritation, nausea, vomiting and diarrhea.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Immediately flush with water for at least 15 minutes

SKIN: Wash with soap and water

INHALATION: Move victim to fresh air. If not breathing, give artificial respiration. If breathing is difficult give oxygen

INGESTIONS: Seek medical aid

SECTION VI – REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Extreme heat, open flames

HAZARDOUS POLYMERIZATION: Will not occur

CONDITIONS TO AVOID: N. App.

INCOMPABILITY (MATERIALS TO AVOID): Oxidizers, heat and open flames

HAZARDOUS DECOMPOSITION PRODUCTS: Fire may produce poisonous gases

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Small leaks: take up with sand or other noncombustible absorbent material and place into containers for disposal. Large leaks: dike far ahead of liquid spill for later disposal.

WASTE DISPOSAL METHODS: Incinerate under safe conditions or dispose of in accordance with state and federal regulations.

SECTION VIII – SPECIAL PROTECTION INFORMATION

VENTILATION (TYPE): Local exhaust recommended

RESPIRATORY PROTECTION: Wear respirator in confined spaces

PROTECTIVE CLOTHING & EQUIPMENT: Work gloves, safety glasses or goggles

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Do not breathe vapors. Use with adequate ventilation. Do not take internally. Don't get in eyes, Wear impervious clothing. Keep away from heat and flame.

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.