



AMERICAN HYDROTECH, INC.  
303 East Ohio Street  
Chicago, Illinois 60611  
(312) 337-4998 1-96

MONOLITHIC MEMBRANE 7800  
PRIMER LS

**SECTION I**

CHEMICAL NAME & SYNONYMS: N. App.  
CHEMICAL FAMILY: N. App.  
TRADE NAME & SYNONYMS: Monolithic Membrane 7800 Primer LS  
FORMULA: N. Av.

**SECTION II – HAZARDOUS INGREDIENTS**

INGREDIENT	C.A.S. #	%	TLV EXPOSURE LIMITS
ASPHALT	8052-42-4	45-55	PEL: 5mg/m3; TLV: 5mg/m3
PETROLEUM HYDROCARBONS	64742-95-6	25-35	PEL: 100 ppm; TLV: 100 ppm
STYRENE-BUTADIENE BLOCK COPOLYMER	9003-55-8	2-7	N. App.
*1,2,4 – TRIMETHYLBENZENE	95-63-6	12	TWA: 25 ppm
*XYLENE	1330-20-7	5	TWA:100 ppm; STEL:150 ppm
*CUMENE	98-82-8	3	TWA: 50 ppm
ETHYLBENZENE	100-41-4	<1	TWA:100 ppm; STEL:125 ppm
POLYALICYCLIC RESIN	69430-35-9	<1	N. App.

\* 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 <sub>2</sub> O=1):	0.94		

SOLUBILITY IN WATER: Negligible  
APPEARANCE AND ODOR: Black liquid, 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.*