



AMERICAN HYDROTECH, INC.  
303 East Ohio Street  
Chicago, Illinois 60611  
(312) 337-4998 12-08

MONOLITHIC  
MEMBRANE 6125 / 6125 EV

**SECTION I**

CHEMICAL NAME & SYNONYMS: N. App.  
CHEMICAL FAMILY: N. App.  
TRADE NAME & SYNONYMS: Monolithic Membrane 6125 / 6125 EV Rubberized Asphalt  
FORMULA: N. Av.

**SECTION II – HAZARDOUS INGREDIENTS**

INGREDIENT	C.A.S.#	EINCS #	OSHA PEL		ACGIH TLV		NIOSH REL	
			TWA	STEL	TWA	STEL	TWA	STEL
ASPHALT	8052-42-4	232-490-9	0.5 mg/m <sup>3</sup>	N.E.	0.5 mg/m <sup>3</sup>	N.E.	5 mg/m <sup>3</sup>	N.E.
OIL	64742-52-5	265-155-0	5 mg/m <sup>3</sup>	N.E.	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	N.E.	N.E.
	64742-58-1	265-161-3	5 mg/m <sup>3</sup>	N.E.	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	N.E.	N.E.
	64742-62-7	265-166-0	5 mg/m <sup>3</sup>	N.E.	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	N.E.	N.E.
	64742-57-0	265-160-8	5 mg/m <sup>3</sup>	N.E.	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	N.E.	N.E.
	72623-83-7	276-735-8	5 mg/m <sup>3</sup>	N.E.	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	N.E.	N.E.
	64742-01-4	265-101-6	5 mg/m <sup>3</sup>	N.E.	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	N.E.	N.E.
	64741-88-4	265-090-8	5 mg/m <sup>3</sup>	N.E.	5 mg/m <sup>3</sup>	10 mg/m <sup>3</sup>	N.E.	N.E.
SBS POLYMER	9003-55-8	N.A.	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.
RUBBER CRUMB	N. APP.	N.A.	N.E.	N.E.	N.E.	N.E.	N.E.	N.E.
FILLERS	14808-60-7	238-878-4	15 mg/m <sup>3</sup>	N.E.	10 mg/m <sup>3</sup>	N.E.	N.E.	N.E.
	1332-58-7	310-194-1	15 mg/m <sup>3</sup>	N.E.	10 mg/m <sup>3</sup>	N.E.	N.E.	N.E.
	13463-67-7	236-675-5	15 mg/m <sup>3</sup>	N.E.	10 mg/m <sup>3</sup>	N.E.	N.E.	N.E.
	12001-26-2	N.A.	15 mg/m <sup>3</sup>	N.E.	10 mg/m <sup>3</sup>	N.E.	N.E.	N.E.
	14807-96-6	238-877-9	15 mg/m <sup>3</sup>	N.E.	10 mg/m <sup>3</sup>	N.E.	N.E.	N.E.

**SECTION III – PHYSICAL DATA**

BOILING POINT (°F): N. App. PERCENT VOLATILE BY VOLUME: N. App.  
VAPOR PRESSURE (mmHg @ 20°C): None  
VAPOR DENSITY (AIR=1): N. App. EVAPORATION RATE (BUTYL ACETATE=1): N. App.  
SPECIFIC GRAVITY (H<sub>2</sub>O=1): 1.25  
SOLUBILITY IN WATER: 50 ppm (deionized water)  
APPEARANCE AND ODOR: Black in color; no particular odor @ 25°C, bituminous odor @ 205°C

**SECTION IV – FIRE AND EXPLOSION HAZARDS**

FLASH POINT (METHOD USED): 240°C (C.O.C.)  
FLAMMABLE LIMITS: N. App.  
EXTINGUISHING MEDIA: Foam, dry chemical, CO2  
SPECIAL FIRE FIGHTING PROCEDURES: Use of water directly on material may spread fire and cause frothing.  
UNUSUAL FIRE/EXPLOSION HAZARDS: Fumes/vapors generated by hot material may become inflammable when in contact with direct flame.

**SECTION V – HEALTH HAZARD DATA**

THRESHOLD LIMIT VALUE(S): N. Av.

SIGNS/SYMPTOMS/EFFECTS OF OVEREXPOSURE: Hot material causes severe burns. Vapors are irritating to eyes, can cause dermatitis on skin and are irritating to throat. Inhalation in enclosed areas can cause headache, nausea and dizziness.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Do not remove hot membrane. Flush with cold water. Seek medical help immediately.

SKIN: Do not remove hot membrane. Flush with cold water. Seek medical help immediately.

INHALATION: Remove from closed area and bring to a well ventilated area.

INGESTION: Unlikely

**SECTION VI – REACTIVITY DATA**

STABILITY: Stable

CONDITIONS TO AVOID: Avoid excessive heating, approaching flash point.

HAZARDOUS POLYMERIZATION: Will not occur.

CONDITIONS TO AVOID: None

INCOMPABILITY (MATERIALS TO AVOID): Strong acids, alkalis, oxidizing agents and solvents

HAZARDOUS DECOMPOSITION PRODUCTS: On material combustion, emission of CO, SO, NO, sulphur compounds and smoke.

**SECTION VII – SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

For all spills, allow material to cool and scrape material into appropriate containers.

WASTE DISPOSAL METHODS:

Dispose of in accordance with federal, state and local authorities.

**SECTION VIII – SPECIAL PROTECTION INFORMATION**

VENTILATION (TYPE): Forced-air ventilation required in confined spaces.

RESPIRATORY PROTECTION: Not necessary unless asphalt smoke emission >5mg/m<sup>3</sup>.

PROTECTIVE CLOTHING & EQUIPMENT: Wristlet gloves, glasses or goggles, long sleeve shirt, long pants, leather shoes and hard hat.

**SECTION IX – SPECIAL PRECAUTIONS**

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Use normal precautions as when handling other heavy materials. Drums weigh 500 pounds each. When stacking drums use pallets. Do not stack more than three pallets high. Cardboard cartons weigh 50 pounds each. Do not double stack pallets containing cartons and maintain protection over the cartons from weather.

*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.*