



AMERICAN HYDROTECH, INC.
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LIQUID MEMBRANE 6090
HORIZONTAL & VERTICAL

SECTION I

CHEMICAL NAME & SYNONYMS: Two-component liquid rubber
CHEMICAL FAMILY: N. Av.
TRADE NAME & SYNONYMS: Liquid Membrane 6090
FORMULA: N. Av.

SECTION II – HAZARDOUS INGREDIENTS

<u>INGREDIENT</u>	<u>C.A.S. #</u>	<u>%</u>	<u>TLV EXPOSURE LIMITS</u>
MINERAL SPIRITS	8052-41-3	2	100 ppm
DIPHENYLMETHANE DIISOCYANATE (ACTIVATOR)	26447-40-5	0.8	0.02 ppm

SECTION III – PHYSICAL DATA

BOILING POINT (°F):	280.4	PERCENT VOLATILE BY VOLUME:	7.5
VAPOR PRESSURE (mmHg @ 20°C):	< 1		
VAPOR DENSITY (AIR=1):	N. App.	EVAPORATION RATE (BUTYL ACETATE=1):	N. App.
SPECIFIC GRAVITY (H ₂ O=1):	1.3		

SOLUBILITY IN WATER: Base: none Activator: reacts with water
APPEARANCE AND ODOR: Base: black liquid, slight musty odor Activator: dark brown liquid

SECTION IV – FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED): N. Av.
FLAMMABLE LIMITS: N. Av.

EXTINGUISHING MEDIA: CO₂, dry chemical foam, water spray
SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters must wear self-contained breathing apparatus and protective clothing.
UNUSUAL FIRE/EXPLOSION HAZARDS: Avoid water contamination of activator in closed or confined spaces.

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE(S): LD 50, ORAL > 20,000mg/kg; DERMAL > 7940 mg/kg

SIGNS/SYMPTOMS/EFFECTS OF OVEREXPOSURE: Irritating to eyes and respiratory tract. Skin sensitization in some people. Allergic sensitivity possible in some people.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with water for 15 minutes. Consult physician.

SKIN: Wash with tincture of green soap & water for 15 minutes. Consult physician.

INHALATION: Remove to uncontaminated area.

INGESTIONS: Consult physician.

SECTION VI – REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID: Temperatures <32°F, >120°F.

HAZARDOUS POLYMERIZATION: May occur with activator

CONDITIONS TO AVOID: Contact with moisture and materials that react with isocyanate.

INCOMPABILITY (MATERIALS TO AVOID): Water, bases, alcohol

HAZARDOUS DECOMPOSITION PRODUCTS: May occur with activator

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED:

Cover with loose absorbent material. Place in open containers and treat with dilute NH₄OH for 24 hours. Ventilate area.

WASTE DISPOSAL METHODS:

Liquid material is designated as hazardous waste until all solvents have evaporated. Dispose of in accordance with state and federal regulations.

SECTION VIII – SPECIAL PROTECTION INFORMATION

VENTILATION (TYPE): Good ventilation necessary

RESPIRATORY PROTECTION: Not required due to low vapor pressure

PROTECTIVE CLOTHING & EQUIPMENT: Goggles and resistant gloves recommended

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Keep material dry

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.