



AMERICAN HYDROTECH, INC.
303 East Ohio Street
Chicago, Illinois 60611
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LIQUID MEMBRANE 6090
SURFACE CONDITIONER

SECTION I

CHEMICAL NAME & SYNONYMS: N. Av.
CHEMICAL FAMILY: Epoxy Urethane Emulsion
TRADE NAME & SYNONYMS: Liquid Membrane 6090 Surface Conditioner
FORMULA: N. Av.

SECTION II – HAZARDOUS INGREDIENTS

| INGREDIENT | C.A.S. # | % | TLV EXPOSURE LIMITS |
|-------------------------|------------|-------|---|
| LEAD SILICATE | 10099-76-0 | 1 - 2 | TWA – 0.15 mg(Pb)/m3 STEL – 0.45 mg(Pb)/m3 |
| LEAD (in lead silicate) | 7439-92-1 | < 0.1 | TWA – 150 ug/m3 STEL – 450 ug/m3 |
| N.BUTOXY PROPANOL | 5131-66-8 | 1 - 2 | N. Av. |

SECTION III – PHYSICAL DATA

| | | | |
|--|-------------|-------------------------------------|--------|
| BOILING POINT (°F): | 212 – 392 | PERCENT VOLATILE BY VOLUME: | N. Av. |
| VAPOR PRESSURE (mmHg @ 20°C): | 17.4 | | |
| VAPOR DENSITY (AIR=1): | > 1 | EVAPORATION RATE (BUTYL ACETATE=1): | 0.35 |
| SPECIFIC GRAVITY (H ₂ O=1): | 1.02 – 1.03 | | |

SOLUBILITY IN WATER:
APPEARANCE AND ODOR: Grey in color; mild solvent odor

SECTION IV – FIRE AND EXPLOSION HAZARDS

FLASH POINT (METHOD USED): 224.6°F (Penskys Martens Closed Cup)
FLAMMABLE LIMITS: N. Av.

EXTINGUISHING MEDIA: CO₂, dry chemical, foam
SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should wear self-contained breathing apparatus

UNUSUAL FIRE/EXPLOSION HAZARDS: Flammable if exposed to ignition sources or when heated to 224.6°F

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE(S): Lead – TLV/TVA = 0.15 mg/m³

SIGNS/SYMPTOMS/EFFECTS OF OVEREXPOSURE: Severe irritation, dryness, burning & itching of eyes and skin; Lung irritation; May be fatal if ingested, lead poisoning will produce metallic taste in mouth and nausea, vomiting, digestive disorders, loss of appetite and sleep disturbance.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: Flush with plenty of water for at least 30 minutes.

SKIN: Flush with plenty of water and wash with soap and water.

INHALATION: Remove to fresh air. Restore breathing if necessary.

INGESTIONS: Do not induce vomiting. Consult physician.

SECTION VI – REACTIVITY DATA

STABILITY: Stable

CONDITIONS TO AVOID:

HAZARDOUS POLYMERIZATION: N. Av.

CONDITIONS TO AVOID:

INCOMPABILITY (MATERIALS TO AVOID): Strong alkalis, oxidizing agents or mineral acids

HAZARDOUS DECOMPOSITION PRODUCTS: CO, lead oxide or tin oxide may be produced upon combustion.

SECTION VII – SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: Ventilate area. Clean up personnel should wear protective equipment. Use absorbent material and shovel into waste containers.

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): Mechanical ventilation recommended for indoor/enclosed use.

RESPIRATORY PROTECTION: Respirator for areas of poor ventilation

PROTECTIVE CLOTHING & EQUIPMENT: Adequate to avoid skin contact

SECTION IX – SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING: Store at 41 – 122°F

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.