

**MATERIAL SAFETY DATA SHEET**

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**DATE PREPARED: 04/15/2019**

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**1. PRODUCT INFORMATION**

**PRODUCT NAME:** LIQUID MEMBRANE 6090 PRIMER  
**GENERIC NAME:** EPOXY URETHANE EMULSION  
**PRODUCT USE:** PRIMER, SEALER  
**CLASSIFICATION:** CLASS D2A

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**2. HAZARDOUS INGREDIENTS**

<b>COMPONENT NAME</b>	<b>% CONC (WT/WT)</b>	<b>LD50ORAL RAT</b>	<b>LD50DERMAL RABBIT</b>	<b>LC50 INHALATION RAT AEROSOL</b>	<b>CAS NUMBER</b>
<b>N. BUTOXY PROPANOL</b>	1 - 2	N.AV.	N.AV.	N.AV.	5131-66-8

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**3. PHYSICAL DATA**

<b>PHYSICAL STATE:</b>	LIQUID.
<b>ODOUR AND APPEARANCE:</b>	GREY, MILD SOLVENT ODOUR.
<b>ODOUR THRESHOLD:</b>	N.AV.
<b>SPECIFIC GRAVITY:</b>	1.02 - 1.03
<b>VAPOUR PRESSURE:</b>	17.4mm Hg
<b>VAPOUR DENSITY (AIR=1)</b>	>1 (HEAVIER THAN AIR)
<b>EVAPORATION RATE:</b>	(NBUTYL ACETATE = 1) 0.35
<b>BOILING POINT (°C):</b>	100 - 275.
<b>FREEZING POINT (°C):</b>	0
<b>pH:</b>	NEUTRAL
<b>COEFFICIENT OF WATER/OIL DISTRIBUTION:</b>	N.AV.

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**4. FIRE OR EXPLOSION HAZARDS**

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<b>FLASHPOINT (METHOD):</b>	NON-FLAMMABLE
<b>UPPER FLAMMABLE LIMIT (% BY VOLUME):</b>	N.A.V.
<b>LOWER FLAMMABLE LIMIT:</b>	N.A.V.
<b>AUTO IGNITION TEMPERATURE (°C):</b>	N.A.V.
<b>HAZARDOUS COMBUSTION PRODUCTS:</b>	CARBON MONOXIDE, OXIDES OF NITROGEN
<b>CONDITIONS OF FLAMMABILITY:</b>	NON-FLAMMABLE
<b>EXPLOSION SENSITIVITY:</b>	NOT SENSITIVE.
<b>MEANS OF EXTINCTION:</b>	CARBONDIOXIDE, DRY CHEMICALS OR FOAM.

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**5. REACTIVITY DATA**

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<b>CHEMICAL STABILITY:</b>	STABLE.
<b>INCOMPATIBILITY:</b>	AVOID CONTACT WITH STRONG ALKALIES, OXIDIZING AGENTS OR MINERAL ACIDS.
<b>HAZARDOUS DECOMPOSITION PRODUCTS:</b>	CARBON MONOXIDE MAY BE PRODUCED UPON COMBUSTION.
<b>CONDITIONS OF REACTIVITY:</b>	MAY REACT IN CONTACT WITH INCOMPATIBLE MATERIALS.

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**6. TOXICOLOGICAL PROPERTIES**

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<b>ROUTES OF ENTRY:</b>	INHALATION, INGESTION, EYES AND SKIN CONTACT.
<b>EFFECTS OF ACUTE EXPOSURE:</b>	EYE CONTACT: IRRITATION OCCURS. SKIN CONTACT: MAY CAUSE MINOR IRRITATION. INGESTION – HARMFUL OR FATAL IF INGESTED. INHALATION – IRRITATION TO RESPIRATORY TRACT MAY OCCUR.
<b>EFFECTS OF CHRONIC EXPOSURE:</b>	LONG TERM OVER EXPOSURE TO HIGH CONCENTRATION OF VAPOUR WILL IRRITATE RESPIRATORY TRACT AND MAY CAUSE DAMAGE TO NERVOUS SYSTEM.
<b>EXPOSURE LIMITS:</b>	TWAEV 50ppm.

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**6. TOXICOLOGICAL PROPERTIES - CONT'D.....**

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**SENSITIZATION:** NOT KNOWN TO OCCUR.

**TOXICOLOGICALLY  
SYNERGISTIC PRODUCTS:** NONE KNOWN.

**OTHER HEALTH EFFECTS:** NONE KNOWN.

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**7. FIRST AID MEASURES**

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**SKIN CONTACT:** FLUSH WITH PLENTY OF WATER AND WASH WITH SOAP AND WATER.

**EYE CONTACT:** FLUSH WITH PLENTY OF WATER FOR AT LEAST 30 MINUTES.

**INGESTION:** DO NOT INDUCE VOMITING. CONSULT PHYSICIAN.

**INHALATION:** REMOVE TO FRESH AIR. RESTORE BREATHING IF NECESSARY.

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**8. PREVENTIVE MEASURES**

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**PERSONAL PROTECTIVE EQUIPMENT:**

**GLOVES:** NITRILE, NEOPRENE OR LATEX.

**RESPIRATORY:** RESPIRATOR FOR AREAS OF POOR VENTILATION.

**EYES:** CHEMICAL SPLASH GOGGLES OR FULL FACE SHIELD.

**FOOTWEAR:** ADEQUATE TO AVOID SKIN CONTACT.

**CLOTHING:** ADEQUATE TO AVOID SKIN CONTACT.

**VENTILATION:** MECHANICAL VENTILATION RECOMMENDED FOR INDOOR USE OR RESPIRATOR FOR AREAS OF HIGH CONCENTRATION.

**LEAK & SPILL  
PROCEDURES:** VENTILATE AREA. CLEAN UP PERSONNEL SHOULD WEAR PROTECTIVE EQUIPMENT. ABSORB WITH ABSORBANT MATERIAL AND SHOVEL INTO WASTE CONTAINERS.

**WASTE  
DISPOSAL:** HAZARDOUS WASTE MATERIAL. (1) DISPOSE IN COMPLIANCE WITH FEDERAL, STATE OR LOCAL ENVIRONMENTAL CONTROL REGULATIONS. (2) INCINERATE UNDER CONTROLLED CONDITIONS. (3) DISPOSE THROUGH A LICENCED WASTE DISPOSAL COMPANY.

**8. PREVENTATIVE MEASURES - CONT'D.....**

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**HANDLING &  
STORAGE:**

STORE BETWEEN 5 ° C AND 50 ° C.

**SHIPPING  
INFORMATION:**

NO SPECIAL PROCEDURES.

**N.AP.** = NOT APPLICABLE,    **N.AV.** = NOT AVAILABLE.**DISCLAIMER**

"The data included herein are presented in accordance with various environment, health and safety regulations. It is the responsibility of a recipient of the data to remain currently informed on chemical hazard information, to design and update its own program and to comply with all national, federal, provincial, state and local laws and regulations applicable to safety, occupational health, right-to-know and environmental protection."