



# Safety Data Sheet

Preparation Date: March 3, 2023

Version: 2

## SECTION 1. IDENTIFICATION

### Product Identifier

**Product Name** HYDROTECH® LIQUID MEMBRANE 6090 PRIMER  
FORMERLY KNOWN AS LM 6090 PRIMER

**Generic Name** EPOXY URETHANE EMULSION

**Recommended Use** PRIMER, SEALER

**Restrictions on Use** NO INFORMATION AVAILABLE

**Initial Supplier Identifier** Sika Corporation  
201 Polito Avenue,  
Lyndhurst, NJ 07071  
USA  
[www.sikausa.com](http://www.sikausa.com)

**Emergency Telephone Number** PERS # 11540 1-800-633-8253

## SECTION 2. HAZARD IDENTIFICATION

### Label Elements

HAZARD PICTOGRAMS:



HAZARD STATEMENTS:

MAY BE HARMFUL IF SWALLOWED OR IF INHALED  
CAUSES EYE IRRITATION

**PRECAUTIONARY STATEMENTS:**

**PREVENTION:**

OBTAIN SPECIAL INSTRUCTIONS BEFORE USE.  
DO NOT HANDLE UNTIL ALL SAFETY PRECAUTIONS HAVE BEEN  
READ AND UNDERSTOOD  
WEAR PROTECTIVE GLOVES, PROTECTIVE CLOTHING AND EYE  
OR FACE PROTECTION  
USE IN VENTILATED AREA  
DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT  
WASH THOROUGHLY AFTER HANDLING

**RESPONSE:**

GET MEDICAL ATTENTION IF YOU FEEL UNWEL  
IF IN EYES: RINSE CAUTIOUSLY WITH WARM WATER FOR MIN 15  
MINUTES. REMOVE CONTACT LENSES, IF PRESENT AND EASY TO  
DO, CONTINUE RINSING  
IF EYE IRRITATION PRESISTS: GET MEDICAL ATTENTION  
IF INHALED: REMOVE TO FRESH AIR  
AND KEEP AT REST IN A POSITION COMFORTABLE FOR  
BREATHING. IF SYMPTOMATIC, SEEK MEDICAL ATTENTION  
IF SWALLOWED: RINSE MOUTH AND SIPS OF WATER MAY BE  
GIVEN. CALL POISON CENTER OR  
DOCTOR IF YOU FEEL UNWELL

**STORAGE:**

STORE LOCKED UP  
KEEP CONTAINER TIGHTLY CLOSED

**DISPOSAL:**

DISPOSE OF CONTENTS AND CONTAINER IN ACCORDANCE WITH  
EXISTING FEDERAL, PROVINCIAL, STATE AND LOCAL LAWS

**SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS**

<b>WEIGHT PERCENT</b>	<b>COMPONENTS</b>
1-2%	N. BUTOXY PROPANOL (CAS # 5131-66-8)

## **SECTION 4. FIRST-AID MEASURES**

### **General Advice**

SHOW THE SAFETY DATA SHEET TO THE DOCTOR IN ATTENDANCE IF EXPOSED OR CONCERNED. GET MEDICAL ADVICE/ATTENTION

### **Inhalation**

REMOVE FROM AREA TO FRESH AIR. IF SYMPTOMATIC, CONTACT A POISON CONTROL CENTRE, EMERGENCY ROOM OR PHYSICIAN FOR TREATMENT INFORMATION

### **Skin Contact**

RUN A GENTLE STREAM OF WATER OVER THE AFFECTED AREA FOR 15 MINUTES. A MILD SOAP MAY BE USED IF AVAILABLE. IF ANY SYMPTOMS PERSIST, CONTACT A POISON CONTROL CENTRE, EMERGENCY ROOM OR PHYSICIAN AS FURTHER TREATMENT MAY BE NECESSARY

### **Eye Contact**

REMOVE CONTACT LENS AND POUR A GENTLE STREAM OF WARM WATER THROUGH THE AFFECTED EYE FOR AT LEAST 15 MINUTES. IF IRRITATION PERSISTS, CONTACT A POISON CONTROL CENTRE, EMERGENCY ROOM OR PHYSICIAN AS FURTHER TREATMENT MAY BE NECESSARY

### **Ingestion**

GENTLY WIPE OR RINSE INSIDE OF THE MOUTH WITH WATER. SIPS OF WATER MAY BE GIVEN. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. CONTACT A POISON CONTROL CENTRE, EMERGENCY ROOM OR PHYSICIAN RIGHT AWAY AS FURTHER TREATMENT MAY BE NECESSARY

### **Self-Protection of the First Aider**

ENSURE THAT MEDICAL PERSONNEL ARE AWARE OF THE MATERIAL(S) INVOLVED AND TAKE PRECAUTIONS TO PROTECT THEMSELVES AND TO PREVENT SPREAD OF CONTAMINATION. AVOID CONTACT WITH SKIN, EYES OR CLOTHING. AVOID DIRECT CONTACT WITH THE SKIN. USE BARRIER TO GIVE MOUTH-TO-MOUTH RESUSCITATION. USE PERSONAL PROTECTIVE EQUIPMENT AS REQUIRED. SEE SECTION 8 FOR MORE INFORMATION

## **SECTION 5. FIRE-FIGHTING MEASURES**

### **Suitable Extinguishing Media**

USE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) CLASS B EXTINGUISHERS (CARBON DIOXIDE, DRY CHEMICAL OR UNIVERSAL AQUEOUS FILM FORMING FOAM) DESIGNED TO EXTINGUISH NFPA CLASS IIIB COMBUSTIBLE LIQUID FIRES

### **Unusual Fire and Explosion Hazards**

CLOSED CONTAINERS MAY EXPLODE OR BURST (DUE TO THE BUILD-UP OF STEAM PRESSURE) WHEN EXPOSED TO EXTREME HEAT. MAY PRODUCE HAZARDOUS DECOMPOSITION PRODUCTS WHEN EXPOSED TO EXTREME HEAT. EXTREME HEAT INCLUDES, BUT IS NOT LIMITED TO, FLAME CUTTING, BRAZING AND WELDING

### **Protection for Fire Fighters**

WATER SPRAY MAY BE INEFFECTIVE. WATER SPRAY MAY BE USED TO COOL CLOSED CONTAINERS THAT ARE EXPOSED TO EXTREME HEAT. IF WATER IS USED, FOG NOZZLES ARE PREFERABLE. FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Steps to be taken if material is Released or Spilled

PROVIDE MAXIMUM VENTILATION. ONLY PERSONNEL EQUIPPED WITH PROPER RESPIRATORY, SKIN AND EYE PROTECTION SHOULD BE PERMITTED IN THE AREA. REMOVE ALL SOURCES OF IGNITION. TAKE UP SPILLED MATERIAL WITH SAND, VERMICULITE OR OTHER NONCOMBUSTIBLE ABSORBENT MATERIAL AND PLACE IN CLEAN EMPTY CONTAINERS FOR DISPOSAL. ONLY THE SPILLED MATERIAL AND THE ABSORBENT SHOULD BE PLACED IN THIS CONTAINER.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling and Storage

IF THIS MATERIAL IS PART OF A MULTIPLE COMPONENT SYSTEM, READ THE SDS FOR THE OTHER COMPONENT OR COMPONENTS BEFORE BLENDING AS THE RESULTING MIXTURE MAY HAVE THE HAZARDS OF ALL OF ITS PARTS  
PLEASE PROTECT MATERIAL FROM FREEZING

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Exposure Limits

MATERIAL/CAS NUMBER	PERCENT	LD50ORAL RAT	LD50DERMAL RABBIT	LC50 INHALATION RAT AEROSOL		
N. BUTOXY PROPANOL 5131-66-8	1-2	NOT AVAILABLE (N.AV.)	N.AV.	N.AV.		

### Engineering Controls

PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERN TO KEEP THE CONCENTRATION OF INGREDIENTS LISTED IN SECTION 8 BELOW THE LOWEST SUGGESTED EXPOSURE LIMITS, THE LEL BELOW THE STATED LIMIT AND TO REMOVE DECOMPOSITION PRODUCTS DURING WELDING OR FLAME CUTTING

### Protective Equipment

#### Eyes

WEAR SAFETY GLOVES WITH SIDE SHIELDS

**Skin/Gloves**

WEAR PROTECTIVE CLOTHING. GLOVES SHOULD BE CONSTRUCTED OF NEOPRENE RUBBER OR NITRILE RUBBER. NO SPECIFIC PERMEATION/DEGRADATION TESTING HAVE BEEN DONE ON PROTECTIVE CLOTHING FOR THIS PRODUCT. RECOMMENDATIONS FOR SKIN PROTECTION ARE BASED ON INFREQUENT CONTACT WITH THIS PRODUCT. FOR FREQUENT CONTACT OR TOTAL IMMERSION, CONTACT A MANUFACTURER OF PROTECTIVE CLOTHING FOR APPROPRIATE CHEMICAL IMPERVIOUS EQUIPMENT. CLEAN CONTAMINATED CLOTHING AND SHOES

**Respirator**

WHERE VENTILATION IS INADEQUATE, USE A NIOSH APPROVED AIR PURIFYING RESPIRATOR WITH THE APPROPRIATE CHEMICAL CARTRIDGES OR POSITIVE PRESSURE, AIR SUPPLIED RESPIRATOR. READ THE RESPIRATOR MANUFACTURER'S INSTRUCTIONS AND LITERATURE CAREFULLY TO DETERMINE THE TYPE OF AIRBORNE CONTAMINANTS AGAINST WHICH THE RESPIRATOR IS EFFECTIVE, ITS LIMITATIONS, AND HOW IT IS TO BE PROPERLY FITTED AND USED. PROVIDE GENERAL DILUTION OR LOCAL EXHAUST VENTILATION IN VOLUME AND PATTERN TO KEEP THE CONCENTRATION OF INGREDIENTS LISTED IN SECTION 2 BELOW THE LOWEST SUGGESTED EXPOSURE LIMITS, THE LEL BELOW THE STATE LIMIT AND TO REMOVE DECOMPOSITION PRODUCTS DURING WELDING OR FLAME CUTTING

**General Hygiene**

IF THRESHOLD LIMIT VALUES (TLV'S) HAVE BEEN ESTABLISHED BY ACGIH, OSHA, ONTARIO, LD50 OR PPM, THEY WILL BE LISTED. THESE LIMITS ARE INTENDED FOR USE IN THE PRACTICE OF INDUSTRIAL HYGIENE AS GUIDELINES OR RECOMMENDATIONS IN THE CONTROL OF POTENTIAL WORKPLACE HEALTH HAZARDS. THESE LIMITS ARE NOT A RELATIVE INDEX OF TOXICITY AND SHOULD NOT BE USED BY ANYONE WITHOUT INDUSTRIAL HYGIENE TRAINING

**SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES**

<b>Physical State:</b>	LIQUID
<b>Odour &amp; Appearance:</b>	GREY, MILD ODOUR
<b>Odour Threshold:</b>	N.A.V.
<b>pH:</b>	NEUTRAL
<b>Freezing Point:</b>	0°C
<b>Boiling Point:</b>	100-275°C
<b>Flash Point:</b>	NON-FLAMMABLE
<b>Evaporation Rate:</b>	(N. BUTYL ACETATE = 1) 0.35
<b>Upper and Lower Explosive Limit:</b>	N.A.V.
<b>Vapour Pressure:</b>	17.4 mm Hg
<b>Vapour Density (air = 1):</b>	>1 (HEAVIER THAN AIR)
<b>Specific Gravity:</b>	1.02-1.03
<b>Coefficient of Water/Oil Distribution</b>	N.A.V.
<b>Auto-ignition Temperature:</b>	N.A.V.
<b>Decomposition Temperature:</b>	N.A.V.
<b>Dynamic Viscosity:</b>	N.A.V.
<b>Kinematic Viscosity:</b>	N.A.V.
<b>Bulk Density:</b>	N.A.V.

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity/Chemical Stability

STABLE UNDER NORMAL CONDITIONS

### Conditions to Avoid

NONE KNOWN

### Incompatible Materials

AVOID CONTACT WITH STRONG ALKALIES, STRONG MINERAL ACIDS OR STRONG OXIDIZING AGENTS

### Hazardous Polymerization

NONE KNOWN

### Hazardous Decomposition Products

CARBON MONOXIDE, CARBON DIOXIDE, TRACES OF ISOCYANATE, OXIDES OF NITROGEN, OXIDES OF SULFUR, HYDROGEN CYANIDE, LOWER MOLECULAR WEIGHT POLYMER FRACTIONS

## SECTION 11. TOXICOLOGICAL INFORMATION

### Acute Toxicity

### Chronic Toxicity

#### TARGET ORGANS:

CARCINOGEN – LUNG

### Mutagenicity

THIS HAS NOT BEEN TESTED ON THIS PRODUCT

### Reproductive

THIS HAS NOT BEEN TESTED ON THIS PRODUCT

## SECTION 12. ECOLOGICAL INFORMATION

### Environmental Fate

ECOTOXICITY	NO INFORMATION AVAILABLE
MOBILITY	NO INFORMATION AVAILABLE
BIODEGRADATION	NO INFORMATION AVAILABLE
BIOACCUMULATION	NO INFORMATION AVAILABLE

### Physical/Chemical

HYDROLYSIS	NO INFORMATION AVAILABLE
PHOTOLYSIS	NO INFORMATION AVAILABLE

## SECTION 13. DISPOSAL CONSIDERATIONS

PROVIDE MAXIMUM VENTILATION. ONLY PERSONNEL EQUIPPED WITH PROPER RESPIRATORY AND SKIN AND EYE PROTECTION SHOULD BE PERMITTED IN THE AREA.

TAKE UP SPILLED MATERIAL WITH SAWDUST, VERMICULITE, OR OTHER ABSORBENT MATERIAL AND PLACE IN CONTAINERS FOR DISPOSAL

WASTE MATERIAL MAY BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, PROVINCIAL, STATE AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS. EMPTY CONTAINERS SHOULD BE RECYCLED BY AN APPROPRIATELY LICENSED RECONDITIONER/SALVAGER OR DISPOSED OF THROUGH A PERMITTED WASTE MANAGEMENT FACILITY.

## SECTION 14. TRANSPORT INFORMATION

### Land Transport (TDG - CANADA)

NON-REGULATED

### Land Transport (DOT - USA)

NON-REGULATED

## SECTION 15. REGULATORY INFORMATION

### Inventory Status

US TSCA: THIS PRODUCT AND/OR ALL OF ITS COMPONENTS ARE LISTED ON THE US TSCA INVENTORY OR IS OTHERWISE EXEMPT FROM TSCA INVENTORY REPORTING REQUIREMENTS

## SECTION 16. OTHER INFORMATION

**NFPA RATING: 1**

**HMIS RATING: 1**

RATING SYSTEM: 0=MINIMAL; 1=SLIGHT; 2=MODERATE; 3=SERIOUS; 4=SEVERE

HMIS= HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

NFPA= NATIONAL FIRE PROTECTION ASSOCIATION

SAFE HANDLING OF THIS PRODUCT REQUIRES THAT ALL OF THE INFORMATION ON THE SDS BE EVALUATED FOR SPECIFIC WORK ENVIRONMENTS AND CONDITIONS OF USE

### Prepared By

PENNKOTE LIMITED

### Date of Latest Revision

MARCH 3/23, VERSION 2.0

### Disclaimer

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