

Safety Data Sheet

Preparation Date: November 17, 2020

Version: 1

SECTION 1. IDENTIFICATION

Product Identifier

Product Name	LM 6090 H & LM 6090 V
Generic Name	BASE COMPOUND OF 2-PART LIQUID RUBBER MEMBRANE
Restrictions on Use	NO INFORMATION AVAILABLE
Recommended Use	RUBBER MEMBRANES, TO BE USED IN INDUSTRIAL APPLICATIONS IN CONSTRUCTION
Initial Supplier Identifier	AMERICAN HYDROTECH, INC. 541 N. FAIRBANKS CT., SUITE 2700 CHICAGO, IL 60611 UNITED STATES
Emergency Telephone Number	PERS: 1-800-663-8253 (Domestic / Canada) Poison Control Center (QC 24 hours) : 1-800-463-5060

SECTION 2. HAZARD IDENTIFICATION

Classification

THIS MATERIAL DOES NOT MEET CLASSIFICATION CRITERIA AND IS CONSIDERED NON-HAZARDOUS

SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

DIFUNCTIONAL POLYBUTADIENE HOMOPOLYMER – 10 TO 40% BY WEIGHT, BLENDED IN PROPRIETARY MIX OF FILLERS AND ADDITIVES INCLUDING CALCIUM CARBONATE, SILICA CRYSTALLINE, FUMED SILICA, CARBON BLACK, PERFORMANCE GRADED ASPHALT BITUMEN AND NAPHTHENIC PROCESSING OIL

SECTION 4. FIRST-AID MEASURES

General Advice

NOT EXPECTED TO PRESENT A SIGNIFICANT HAZARD UNDER ANTICIPATED CONDITIONS OF NORMAL USE. TREAT SYMPTOMATICALLY

Inhalation

IF INHALED REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION AND OBTAIN IMMEDIATE MEDICAL ATTENTION AS SOON AS POSSIBLE

Skin Contact

RINSE WITH PLENTY OF SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. IF IRRITATION PERSISTS, SEEK MEDICAL ATTENTION

Eye Contact

RINSE CAUTIOUSLY WITH WATER FOR SEVERAL MINUTES. OBTAIN MEDICAL ATTENTION IF PAIN, BLINKING, TEARS OR REDNESS PERSISTS

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

CARBON DIOXIDE, DRY CHEMICAL FOAM, DRY POWDER. SAND. WATER SPRAY. WATER FOG

Hazardous Combustion Products

CARBON MONOXIDE. CARBON DIOXIDE. 1,3 BUTADIENE, HYDROCARBONS, TOXIC FUMES

Special Protective Equipment for Fire Fighters

SLIGHTLY COMBUSTIBLE. HEAT FROM FIRE CAN GENERATE FLAMMABLE VAPOUR. WHEN MIXED WITH AIR AND EXPOSED TO IGNITION SOURCE, CAN BURN IN OPEN AIR BE AN EXBOR EXPLODE IF CONFINED. NOT EXPECTED TO BE AN EXPLOSION HAZARD UNDER NORMAL CONDITIONS OF USE. FIGHT FIRE FROM SAFE DISTANCE AND PROTECTED LOCATION. AVOID DIRECT PERSONAL CONTACT WITH LIQUID EVEN AFTER FIRE IS OUT TO PREVENT POTENTIALLY SERIOUS BURNS. USE WATER SPRAY OR FOG FOR COOLING EXPOSED CONTAINERS. APPLY AQUEOUS EXTINGUISHING MEDIA CAREFULLY TO PREVENT FROTHING/STEAM EXPLOSION. HEAT MAY BUILD PRESSURE, RUPTURING CLOSED CONTAINERS, SPREADING FIRE AND INCREASING RISK OF BURNS AND INJURIES. PREVENT FIRE-FIGHTING WATER FROM ENTERING ENVIRONMENT. DO NOT ATTEMPT TO TAKE ACTION WITHOUT SUITABLE PROTECTIVE EQUIPMENT. COMPLETE PROTECTIVE CLOTHING. SELF-CONTAINED BREATHING APPARATUS. FIRES ARE TYPICALLY VERY SMOKY

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions and Protective Equipment

ENSURE ADEQUATE VENTILATION. DO NOT ATTEMPT TO TAKE ACTION WITH SUITABLE PROTECTIVE EQUIPMENT. FOR FURTHER INFORMATION, REFER TO SECTION 8 "EXPOSURE CONTROLS/PERSONAL PROTECTION"

Emergency Procedures

NO ADDITIONAL REQUIREMENTS

Method and Materials used for Containment

TAKE UP LIQUID SPILL INTO ABSORBENT MATERIAL (IE. SAND, EARTH, VERMICULITE). KEEP RECOVERED FOR SUBSEQUENT DISPOSAL

Clean Up

WASH AWAY RESIDUE WITH LARGE AMOUNTS OF WATER. GATHER PRODUCT AND PLACE IT IN A SPARE CONTAINER THAT HAS BEEN SUITABLY LABELLED

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling

ENSURE GOOD VENTILATION OF THE WORK AREA. WEAR PERSONAL PROTECTIVE EQUIPMENT. AVOID CONTACT WITH ELEVATED TEMPERATURE OR MOLTEN PRODUCT TO PREVENT BURNS. USE ONLY NON-SPARKLING TOOLS. STEAM DRUM HEATERS ARE RECOMMENDED. IF HEATING IS NECESSARY FOR DRUMMED PRODUCT, LOOSEN OR REMOVE BUNG OR LID BEFORE WARMING/HEATING PRODUCT TO AVOID OVERPRESSURIZATION IN THE DRUM. DO NOT EAT, DRINK OR SMOKE WHEN USING THIS PRODUCT. ALWAYS WASH HANDS AFTER HANDLING THE PRODUCT

Storage Requirements

STORE CONTAINERS IN A COOL, DRY LOCATION. KEEP CONTAINERS CLOSED WHEN NOT IN USE. STORE FOR A MAXIMUM OF 5 YEARS (MIN/MAX: 10/32 °C)

SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure Limits

	ACGIH TLV		OSHA PEL		NIOSH
	TWA	STEL	PEL	STEL	REL
ALL INGREDIENTS IN THE MIX	NOT ESTABLISHED		NOT ESTABLISHED		NOT ESTABLISHED

Engineering Controls

NOT REQUIRED FOR INTENDED USE. ALWAYS ENSURE THAT THERE IS ADEQUATE VENTILATION

Clothing/Type

WEAR ADEQUATE PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT

Eye/Type

PREVENT EYE CONTACT, WEAR SAFETY (SPLASH RESISTANT) GLASSES IN THE EVENT THAT EYE CONTACT IS POSSIBLE

Footwear/Type

WEAR SAFETY BOOTS AS PER LOCAL REGULATIONS

Gloves/Type

WEAR IMPERVIOUS GLOVES

Respiratory/Type

NOT NORMALLY REQUIRED IF GOOD VENTILATION IS MAINTAINED. NIOSH APPROVED RESPIRATOR IS RECOMMENDED IF VAPOURS OR MISTS ARE GENERATED

Other/Type

AN EYEWASH STATION AND SAFETY SHOWER SHOULD BE MADE AVAILABLE IN THE IMMEDIATE WORKING AREA

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	LIQUID, VISCOUS
Odour & Appearance:	BLACK, PETROLEUM ODOUR
Odour Threshold:	N.AV.
pH:	N.AV.
Freezing Point:	N.AV.
Boiling Point:	> 300 °C (> 572 °F)
Flash Point:	> 95 °C (> 203 °F) (PENSKEY-MARTENS CLOSED CUP)
Evaporation Rate:	N. AV.
Upper and Lower Explosive Limit:	N.AV.
Vapour Pressure:	<0.0001 mmHg @ 25 °C (77 °F)
Vapour Density (air = 1):	N.AV.
Density:	N.AV.
Relative Vapour Density:	N.AV.
Specific Gravity:	1.32
Solubility in Water:	PRACTICALLY INSOLUBLE IN WATER
Partition Coefficient, n-Octanol / Water (Log Kow)	N.AV.
Auto-ignition Temperature:	N.AV.
Decomposition Temperature:	N.AV.
Viscosity:	> 10,000 CPS @ 21 °C (70 °F)

SECTION 10. STABILITY AND REACTIVITY

Reactivity

NO DANGEROUS REACTIONS KNOWN UNDER NORMAL CONDITIONS OF USE

Chemical Stability

STABLE UNDER CONDITIONS OF STANDARD TEMPERATURE AND PRESSURE

Possibility of Hazardous Reactions

DECOMPOSES BY POLYMERIZATION ABOVE 204 °C (399 °F). ONCE INITIATED THE REACTION GENERATES ENOUGH HEAT TO CONTINUE SPONTANEOUSLY. CRACKS INTO GASEOUS AND LIQUID PRODUCTS ABOVE 426 °C (799 °F)

Conditions to Avoid

HEAT, DIRECT SUNLIGHT AND HIGH TEMPERATURES

Incompatibility

STRONG OXIDIZING AGENTS. STRONG REDUCING AGENTS. STRONG ACIDS. FREE RADICAL INITIATORS/PEROXIDES

Hazardous Products of Decomposition

UNDER NORMAL CONDITIONS OF STORAGE AND USE, HAZARDOUS DECOMPOSITION PRODUCTS SHOULD NOT BE PRODUCED

SECTION 11. TOXICOLOGICAL INFORMATION

Routes of Entry

SKIN CONTACT, INHALATION, EYE CONTACT, INGESTION

Effects of Acute Exposure

SKIN CONTACT – LITTLE TO NO IRRITATION

EYE CONTACT – MILD IRRITATION

INHALATION AND INGESTION – SYMPTOMS OF OVER-EXPOSURE DUE TO INHALATION OR INGESTION

UNLIKELY TO OCCUR

Effects of Chronic Exposure

NO KNOWN HEALTH EFFECTS DUE TO CHRONIC EXPOSURE

Exposure Limits

NOT APPLICABLE

Sensitization

DOES NOT OCCUR WITH UNACTIVATED PRODUCT

Toxicologically Synergistic Products

NONE KNOWN

Other Health Effects

NONE KNOWN

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity

THIS PRODUCT IS NOT CONSIDERED HARMFUL TO AQUATIC ORGANISMS NOR TO CAUSE LONG-TERM ADVERSE EFFECTS IN THE ENVIRONMENT

Environmental

BIODEGRADABILITY INFORMATION IS NOT AVAILABLE

Bioaccumulation

NO ADDITIONAL INFORMATION AVAILABLE

Absorption Potential

NO ADDITIONAL INFORMATION AVAILABLE

Other Adverse Effects

NO ADDITIONAL INFORMATION AVAILABLE

SECTION 13. DISPOSAL CONSIDERATIONS

Appropriate Disposal Methods

DISPOSAL OF EMPTY CONTAINERS IN ACCORDANCE WITH LOCAL REGULATIONS OR CURRENT RECYCLING PROGRAMS

Physical and Chemical Properties that may Affect Disposal

NONE ANTICIPATED

Sewage Disposal Comments

PREVENT THIS PRODUCT FROM ENTERING SEWERS, DRAINS OR ANY OTHER WATER SOURCE

Other Special Cautions

NONE REQUIRED

SECTION 14. TRANSPORT INFORMATION

TDG Classification

NON-REGULATED

DOT Classification

NON-REGULATED

IATA Classification

NON-REGULATED

IMDG Classification

NON-REGULATED

Any Special Precautions

HANDLE WITH CARE ACCORDING TO PROCEDURES ON THIS SAFETY DATA SHEET

Proof of Classification

IN ACCORDANCE WITH PART 2.2.1 OF THE TRANSPORT OF DANGEROUS GOOD REGULATIONS (JULY 2, 2014), WE CERTIFY THAT CLASSIFICATION OF THIS PRODUCT HAS BEEN DETERMINED BASED ON THE SAFETY DATA SHEETS OF THE INGREDIENTS OF THE FORMULATION

SECTION 15. REGULATORY INFORMATION

CEPA Status

ALL COMPONENTS OF THIS PRODUCT ARE LISTED ON THE DOMESTIC SUBSTANCE LIST (DSL)

TSCA Inventory Status

ALL COMPONENTS ARE LISTED ON TSCA

EINECS

ALL INGREDIENTS APPEAR ON THE EINECS INVENTORY OR ARE EXEMPT

Section 302- Extremely Hazardous Substances

NONE

Section 311/312 – Hazard Categories

NOT APPLICABLE

SARA Section 313

THIS PRODUCT CONTAINS NO CHEMICALS IN EXCESS OF THE APPLICABLE DE MINIMIS CONCENTRATION THAT ARE SUBJECT TO THE REPORTING REQUIREMENTS OF SECTION 313 OF TITLE III OF THE SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT OF 1986 AND 40 CFR PART 372 (TABLE 372.65)

EPA Hazardous Air Pollutants (HAPS) 40CFR63

NONE

California Proposition 65

THIS PRODUCT DOES NOT CONTAIN ANY CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER OR REPRODUCTIVITY TOXICITY

SECTION 16. OTHER INFORMATION**Preparation Date**

NOVEMBER 17/20, VERSION 1.0

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