

SAFETY DATA SHEET – LEAKMASTER LV-Z

SECTION 1. IDENTIFICATION

Product Identifier	Leakmaster LV-Z
Other Means of Identification	Hydrophilic sealant, Leakmaster
Recommended Use	Professional use only
Restrictions on Use	None known
Supplier Identifier	Multiurethanes Ltd. 5245 Creekbank Rd Mississauga, ON L4W 1N3 Canada
Emergency Telephone Number	1-800-663-6633

SECTION 2. HAZARD IDENTIFICATION

Classification

<u>Acute Toxicity (Inhalation)</u>	Category 4
<u>Respiratory Sensitization</u>	Category 1
<u>Carcinogenicity</u>	Category 2
<u>Specific Target Organ Toxicity - Repeated Exposure</u>	Category 2

Label Elements

Hazard Pictograms



Signal Word

DANGER

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Hazard Statements Harmful if inhaled.
 May cause allergy or asthma symptoms or breathing difficulties if inhaled.
 Suspected of causing cancer.
 May cause damage to organs (inhalation organs, lung) through prolonged or repeated exposure.

Precautionary Statements Obtain special instructions before use.
 Use only outdoors or in a well-ventilated area.
 Do not breathe dust/fume/gas/mist/vapours/spray
 If exposed or concerned: Get medical advice/attention.
 Dispose of contents/container in accordance with local/regional/national/international regulations.

Other Hazards 45-55% of the mixture consists of ingredients of unknown acute toxicity and unknown hazards to the aquatic environment.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Mixture

<u>Chemical Name</u>	<u>CAS No.</u>	<u>Concentration (% by weight)</u>	<u>Common Names / Synonyms</u>	<u>Other Identifiers</u>
Urethane pre-polymer	Trade secret	45 - 55%	Not available	Not available
Inorganic filler	Trade secret	25 - 35%	Not available	Not available
Aliphatic hydrocarbon	Trade secret	10 - 20%	Not available	Not available
Silica (amorphous)	Trade secret	5 - 10%	Not available	Not available
Titanium dioxide	13463-67-7	1 - 5%	Not available	Not available
Benzene, 1,1'-methylenebis [4-isocyanato-	101-68-8	< 0.5%	Not available	Not available

Notes Specific chemicals identities and/or exact percentage of composition have been withheld as a trade secret as per the manufacturer. VOC content is approximately wt.15%.

SECTION 4. FIRST-AID MEASURES

Inhalation Remove person to fresh air. In case of exposure to respiratory system or mucous membranes or in case of prolonged exposure, seek medical attention.

Skin Contact Remove contaminated clothing. Rinse off affected area with soap and water. Seek medical attention if irritation develops.

Eye Contact Immediately flush with large quantities of clean water for at

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	least 15 minutes. Seek medical attention.
Ingestion	Do not induce vomiting. Seek immediate medical attention.
Most Important Symptoms and Effects, Acute and Delayed	Not available
Indication of Immediate Medical Attention and Special Treatment Needed	Treat symptomatically. If exposed or concerned, seek medical advice and attention.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing Media

<u>Suitable Extinguishing Media</u>	Use dry sand, foam, carbon dioxide or dry chemical agents.
<u>Unsuitable Extinguishing Media</u>	Not available
Specific Hazards Arising from the Product	Smoke, fumes, oxides of carbon and oxides of nitrogen.
Special Protective Equipment and Precautions for Firefighters	Firefighters should wear full protective gear and positive-pressure self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	Do not get in eyes or on skin. Do not breathe fume/mist/vapours. Use appropriate personal protective equipment. Equip cleanup crew with proper protection.
Methods and Material for Containment and Cleaning Up	Carefully collect the spilled material and place in a bucket. The area should be thoroughly cleaned.
Notification Procedures	Not available
Environmental Precautions	Do not flush into the sewer.

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SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling Avoid contact with eyes. Keep container closed. Use with adequate ventilation. Wash thoroughly after handling. Avoid prolonged or repeated breathing of vapour. Avoid prolonged or repeated contact with skin. Do not allow the product to reach waterways. Avoid vapour formation and ignition sources.

Conditions for Safe Storage (including incompatibilities) Store away from heat, moisture, strong oxidizing agents.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters – Occupational Exposure Limits

Chemical Name	Type	Exposure Limit Values	Source
Titanium dioxide	TWA	15 mg/m ³	OSHA PEL
Titanium dioxide	TWA	10 mg/m ³	ACGIH TLV
Benzene, 1,1'-methylenebis [4-isocyanato-	TWA	0.005 ppm	OSHA PEL
Benzene, 1,1'-methylenebis [4-isocyanato-	TWA	0.005 ppm	ACGIH TLV

Appropriate Engineering Controls Where this material is not used in a closed system, good enclosure and local exhaust ventilation should be provided to control exposure.

Individual Protection Measures

Eye/Face Protection Wear safety glasses with side shields or chemical goggles as appropriate to prevent eye contact.

Skin Protection Wear suitable protective gloves.

Respiratory Protection If vapors, mists or aerosols are generated, wear an appropriate respirator.

Hygiene Measures Do not eat, drink, smoke or use cosmetics while working with this product. Upon completion of work, wash hands before eating, drinking, smoking or use of toilet facilities.

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SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance	Gray putty
Odour	Slight
Odour Threshold	Not available
pH	Not available
Melting Point / Freezing Point	Not available
Initial Boiling Point and Boiling Range	Not available
Flash Point	Not available
Evaporation Rate (BuAe = 1)	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limits	Not available
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.25 at 25°C (77°F)
Solubility in Water	Not available
Solubility (other)	Not available
Partition Coefficient, n-octanol / water (logKow)	Not available
Auto-ignition Temperature	Not available
Decomposition Temperature	Not available
Viscosity	Not available

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SECTION 10. STABILITY AND REACTIVITY

Reactivity	No specific test data related to reactivity is available for this product or its ingredients.
Chemical Stability	Stable under recommended handling and storage conditions (refer to section 7).
Possibility of Hazardous Reactions	None under normal conditions.
Conditions to Avoid	Keep away from temperatures below 5°C (41°F), heat, moisture and static discharges.
Incompatible Materials	Keep away from oxidizing agents, peroxides and strong acid.
Hazardous Decomposition Products	Thermal decomposition or combustion may produce oxides of carbon and oxides of nitrogen.

SECTION 11. TOXICOLOGICAL INFORMATION

Information on Likely Routes of Exposure

<u>Inhalation</u>	No
<u>Skin Contact</u>	No
<u>Eye Contact</u>	No
<u>Ingestion</u>	No

Signs and Symptoms of Exposure

<i>Inhalation</i>	No data available but may be harmful if inhaled.
<i>Skin Contact</i>	No data available but may cause skin irritation.
<i>Eye Contact</i>	No data available but may cause eye irritation.
<i>Ingestion</i>	No data available but may be harmful if swallowed.

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Potential Chronic Health Effects	No data available
Acute Toxicity	No data available but may be harmful if swallowed.
Skin Corrosion/Irritation	No data available but may cause skin irritation.
Serious Eye Damage/Irritation	No data available but may cause eye irritation.
Specific Target Organ Toxicity - Single Exposure	No data available
Specific Target Organ Toxicity - Repeated Exposure	No data available; may cause damage to organs through prolonged or repeated exposure
Aspiration Hazard	No data available
Respiratory and/or Skin Sensitization	No data available but may be harmful if inhaled.
Reproductive Toxicity	No data available
Germ Cell Mutagenicity	No data available
Carcinogenicity	Not listed as a carcinogen by ACGIH, NTP, IARC, OSHA or NIOSH.
Toxicological Data	No data available

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	No data available but may be harmful to aquatic life.
Persistence and Degradability	Not available
Bioaccumulative Potential	Not available
Mobility in Soil	Not available
Other Adverse Effects	Not available

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SECTION 13. DISPOSAL CONSIDERATIONS

Disposal Methods Dispose of material in accordance with all applicable federal, state/provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the sole responsibility of the waste generator.

SECTION 14. TRANSPORT INFORMATION

<u>Regulation</u>	<u>UN No.</u>	<u>Proper Shipping Name</u>	<u>Technical Name (for N.O.S. entry)</u>	<u>Transport Hazard Class(es)</u>	<u>Packing Group</u>
TDG	None	Not regulated	Not regulated	Not regulated	Not regulated
49 CFR/DOT	None	Not regulated	Not regulated	Not regulated	Not regulated
IMDG	None	Not regulated	Not regulated	Not regulated	Not regulated
ICAO/IATA	None	Not regulated	Not regulated	Not regulated	Not regulated

Special Precautions Not available

Environmental Hazards Refer to section 12.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not available

SECTION 15. REGULATORY INFORMATION

Canadian Information

WHMIS Refer to section 2.

CEPA (DSL) Registered

US Information

OSHA *Benzene, 1,1'-methylenebis [4-isocyanato-*
 Acute Toxicity (Inhalation) – Category 4
 Skin Irritation – Category 2
 Eye Irritation – Category 2
 Respiratory Sensitization – Category 1
 Skin Sensitization – Category 1
 Carcinogenicity – Category 2
 STOT - Repeated Exposure – Category 2
 STOT - Repeated Exposure – Category 3

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<u>TSCA Inventory</u>	Registered
<u>SARA Title III</u>	Section 313, Toxic Chemical: Benzene, 1,1'-methylenebis [4-isocyanato-
<u>State Regulations</u>	California - Proposition 65: Benzene, 1,1'-methylenebis [4-isocyanato-
International Information	Not available

SECTION 16. OTHER INFORMATION

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Disclaimer The information provided in this document is correct to the best of our knowledge, information and belief at the date of its publication. This information is offered solely for the consideration of the user, subject to their own investigation of compliance with applicable regulations, including the safe use of the product under every foreseeable condition. This information is designed only as a general guidance and is not to be considered a warranty or quality specification. This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified above.

END OF SAFETY DATA SHEET