

SAFETY DATA SHEET – LEAKMASTER LV-Z

SECTION 1. IDENTIFICATION

Product Identifier	Leakmaster LV-Z
Other Means of Identification	Leakmaster
Recommended Use	Hydrophilic waterstop adhesive to bond to various substrates, including metal, rock and concrete.
Restrictions on Use	Professional use only
Supplier Identifier	Multiurethanes Ltd. 5245 Creekbank Rd, Mississauga, ON L4W 1N3 (Canada) C.I. TAKIRON Corporation 2-15-1 Konan, Minato-ku, Tokyo 108-6031 (Japan)
Emergency Telephone Number	1-800-663-6633

SECTION 2. HAZARD IDENTIFICATION

Classification	Acute Toxicity (Inhalation) - Category 4 Respiratory Sensitization - Category 1 Carcinogenicity - Category 2 Specific Target Organ Toxicity - Repeated Exposure - Category 2
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Label Elements	<u>Hazard Pictograms</u>
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Signal Word
DANGER

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, lungs) 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.
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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

As per the manufacturer, specific chemical identities and/or the exact composition percentage have been withheld as trade secrets. The VOC content is approximately 15% wt.

SECTION 4. FIRST-AID MEASURES

Inhalation

Move the affected person to fresh air. In case of exposure to the respiratory system or mucous membranes, or if you feel unwell or in case of prolonged exposure, get medical attention.

Skin Contact

Wash off immediately with plenty of soap and water. Remove all contaminated clothing immediately. Seek medical advice if irritation develops.

Eye Contact

Immediately flush with large quantities of clean water for at 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

Suitable Extinguishing Media

Use dry sand, foam, carbon dioxide or dry chemical agents.

Unsuitable Extinguishing Media

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.

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SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures	Cleanup personnel should wear protective clothing and equipment to prevent inhalation of dust, skin, and eye contact.
Methods and Material for Containment and Cleaning Up	Carefully collect the spilled material and place it in a bucket. The area should be thoroughly cleaned.
Notification Procedures	Not available
Environmental Precautions	Do not flush into the sewer.

SECTION 7. HANDLING AND STORAGE

Precautions for Safe Handling	Avoid contact with eyes. Keep container closed. Use with adequate ventilation. Wash hands 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, and 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 TVL
Benzene, 1,1'-methylenebis [4-isocyanato-	TWA	0.005 ppm	OSHA PEL, ACGIH TVL

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

Individual Protection Measures

Eye/Face Protection
Safety glasses or splash goggles. Contact lenses should not be worn.

Skin Protection
Chemical-resistant gloves. Wear overall and closed footwear.

Respiratory Protection
If vapours, 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 using 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

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	Avoid temperatures below 5°C (41°F), heat, moisture and static discharges.

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Incompatible Materials	Keep away from oxidizing agents, peroxides and strong acids.
Hazardous Decomposition Products	Thermal decomposition or combustion may produce oxides of carbon and oxides of nitrogen.

SECTION 11. TOXICOLOGICAL INFORMATION

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

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity	No data is available, but it may be harmful to aquatic life.
Persistence and Degradability	No data available
Bioaccumulative Potential	No data available
Mobility in Soil	No data available
Other Adverse Effects	No data available

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.
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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

Tariff Classification Number 3214.10.00

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 Canada inventory (DSL/NDSL)
Registered

US Information United States Inventory (TSCA)
Registered

Section 313 Toxic Chemicals
Benzene, 1,1'-methylenebis [4-isocyanato-
CAS 101-68-8
Wt% <0.5

California Prop. 65
Benzene, 1,1'-methylenebis [4-isocyanato-
CAS 101-68-8
Wt% <0.5

International Information REACH (EU)
Information can be made available by contacting the manufacturer directly.

SECTION 16. OTHER INFORMATION

Date of Latest Revision July 4, 2024

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

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is designed only as general guidance and should not be considered a warranty or quality specification. This information relates only to the specific material designated. Unless specified above, it may not be valid for such material used in combination with other materials or in any process.

END OF SAFETY DATA SHEET