

SAFETY DATA SHEET

LEAKMASTER LV-Z Hydrophilic Gun Grade Waterstop

SECTION 1. SUPPLIER IDENTIFICATION

Name : **CJSA**
Address : Unit 2, 18 Farrow Circuit Seaford Rise,
South Australia 5169,
Australia.

The details and information stated within this SDS have been provided by the manufacturer.
Manufacturer's Reference Number: HDT-021-EX-A
Refer to www.cjsa.net.au to obtain the most recent SDS.

SECTION 1.1. IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

Product Name : LEAKMASTER LV-Z

SECTION 2. HAZARDS IDENTIFICATION

Classification of the substance or mixture
Classification according to OSHA Hazard Communication Standard (29 CFR 1910.1200-2012) [GHS]:

Classification	Acute toxicity (inhalation)	Category 4
	Respiratory Sensitization	Category 1
	Carcinogenicity	Category 2
	Specific target organ systemic toxicity (STOT) Repeated exposure	Category 2

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The information and the recommendations relating to the application and end use of this product are given in good faith and are based on the information provided by the manufacturer of the product and/or the Company's current knowledge and experience in connection with the product when properly stored, handled and applied under normal conditions and no liability of final function at the job site is assumed. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability of, or fitness for, particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written and/or oral recommendations, or from any other advice offered by the Company. The Company also has no express or implied knowledge of any particular purpose for which the product is required and any such information given will not be taken into account in the supply of this product. No responsibility or liability by the Company will be accepted for misuse, misreading or derivation from recommended guidelines in respect of this product and the user shall determine the suitability of the product for his intended use and assume all risks and liability in connection therewith. The information contained in our brochure may change at any time without notice. Any use of this product, Leakmaster LV-Z, in any application should be approved as suitable for use/application by the Design Engineer and Project Manager.

CJSA

Unit 2, 18 Farrow Circuit Seaford Rise,
South Australia 5169, Australia.
Tel +61 432 423 103
Email admin@cjsa.net.au



admin@cjsa.net.au
www.cjsa.net.au



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SECTION 2. HAZARDS IDENTIFICATION (continued)

Symbols



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, 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.

Unclassified hazards

None

Percentage of ingredients with unknown toxicity

45-55 percent of the mixture consists of ingredient of unknown acute toxicity.
 45-55 percent of the mixture consists of ingredient of unknown hazard to the aquatic environment.

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

Product-type

Mixture

Name	%	CAS. No.	Classification according to OSHA HCS (29 CFR 1910.1200)
Urethane pre-polymer	45~55	Trade secret	-
Inorganic filler	25~35	Trade secret	-
Aliphatic hydrocarbon	10~20	Trade secret	-
Silica (amorphous)	5~10	Trade secret	-
Titanium dioxide	1~5	13463-67-7	-
Benzene, 1,1'-methylenebis [4-isocyanato-	<0.5	101-68-8	Acute tox. Inhal: 4, Skin Irrit : 2 Resp Sens : 1, Eye Irrit : 2 Skin Sens : 1, Carc. : 2 STOT. RE : 2, STOT. RE : 3

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



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SECTION 4. FIRST AID MEASURES

4.1. Description of first aid measures

Skin contact	:	Wash off immediately with plenty of soap and water. Take all contaminated clothing off immediately. Seek medical advice if irritation develops.
Eye contact	:	Immediately flush with large quantities of clean water for at least 15 minutes and call a physician.
Inhalation	:	Move affected person to fresh air. In case of exposure to respiratory system or mucous membranes, or if you feel unwell or in case of prolonged exposure, get medical attention.
Ingestion	:	Do not induce vomiting. See a physician immediately.
Note to physician	:	None

4.2. Most important symptoms and effects, both acute and delayed

No data available

4.3. Indication of any immediate medical attention and special treatment needed

No data available

SECTION 5. FIRE-FIGHTING MEASURES

5.1. Extinguishing media

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

5.2. Specific hazards arising from the mixture

Smoke, fumes, oxides of carbon and NOx.

5.3. Special protective equipment and precautions for firefighters

Firemen should wear normal protective equipment (full bunker gear) and positive-pressure self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Clean-up personnel should wear protective clothing and equipment to prevent inhalation of dusts and skin and eye contact.

6.2. Environmental precautions

Do not flush into the sewer.

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SECTION 6. ACCIDENTAL RELEASE MEASURES (continued)

- 6.3. Methods and material for containment and cleaning up**
Carefully collect the spilled material and place in a bucket. The area should be thoroughly cleaned.
- 6.4. Reference to other sections**
See Section 8+13

SECTION 7. HANDLING AND STORAGE

- 7.1. 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 it to reach to the waterways.
Avoid vapor formation and ignition sources.
- 7.2. Conditions for safe storage, including any incompatibilities**
Store away from heat / moisture / strong oxidizing agents.
- 7.3. Specific end use(s)**
None

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

8.1. Control parameters

Name ¹⁾	OSHA PEL ²⁾		ACGIH TLV ³⁾			
	TWA		STEL		TWA	
	mg/m ³	ppm	mg/m ³	ppm	mg/m ³	ppm
Titanium dioxide	15				10	
Benzene, 1,1'-methylenebis [4-isocyanato-		0.005				0.005

8.2. Exposure controls

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, such as personal protective equipment

Eye/face protection : Safety glasses or splash goggles. Contact lenses should not be worn.

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SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION (continued)

Skin protection

Hand protection : Chemical resistant gloves. Wear overall and closed footwear.

Other : No information available

Respiratory protection : If vapors, mists or aerosols are generated, wear an approved respirator.

Thermal hazards : No information available.

Environmental exposure controls

Treat this product in accordance with the directives and regulations in the United States.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	:	Gray putty
Odor	:	Slight odor
Odor threshold	:	No data available
pH	:	No data available
Melting point/freezing point F(°C)	:	No data available
Initial boiling point and boiling range F (°C)	:	No data available
Flash point F (°C)	:	No data available
Evaporation rate	:	No data available
Flammability (solid, gas)	:	No data available
Upper/lower flammability or explosive limits	:	No data available
Vapor pressure (kPa)	:	No data available
Vapor density	:	No data available
Relative density	:	1.25 at 77°F (25°C)
Solubility		
water solubility	:	No data available
fat solubility	:	No data available
Partition coefficient (n-octanol/water)	:	No data available
Auto-ignition temperature	:	No data available
Decomposition temperature	:	No data available
Viscosity (mPa*s)	:	No data available

SECTION 10. STABILITY AND REACTIVITY

- 10.1 Reactivity** No specific test data related to reactivity available for this product or its ingredients.
- 10.2 Chemical stability** Stable under normal ambient conditions (ambient temperature)
- 10.3 Possibility of hazardous reactions** Under normal conditions of storage and use, hazardous reactions will not occur.
- 10.4 Conditions to avoid** Keep away from heat, moisture and static discharges. Cold condition (below 5°C).

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SECTION 10. STABILITY AND REACTIVITY (continued)

- 10.5. Incompatible materials** Keep away from oxidizing agents, peroxides and strong acid.
- 10.6. Hazardous decomposition products** Thermal decomposition or combustion may produce oxides of carbon and oxides of nitrogen.
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SECTION 11. TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

- 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
- Respiratory or skin sensitization** No data available, but may be harmful if inhaled
- Germ cell mutagenicity** No data available
- Carcinogenicity** Not listed as a carcinogen by ACGIH, NTP, IARC, OSHA or NIOSH
- Reproductive toxicity** No data available
- STOT-single exposure** No data available
- STOT-repeated exposure** No data available but may cause damage to organs through prolonged or repeated exposure
- Aspiration hazard** No data available
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SECTION 12. ECOLOGICAL INFORMATION

- 12.1. Toxicity** No data available, but may be harmful to aquatic life
- 12.2. Persistence and degradability** No data available
- 12.3. Bioaccumulative potential** No data available
- 12.4. Mobility in soil** No data available
- 12.5. Results of PBT and vPvB assessment** No data available
- 12.6. Other adverse effects** No data available
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SECTION 13. DISPOSAL CONSIDERATIONS

13.1. Waste treatment methods

Incineration	Should be in accordance with local regulations
Recycling	Should be in accordance with local regulations
Land filling	Should be in accordance with local regulations

SECTION 14. ECOLOGICAL INFORMATION

- 14.1. UN number** See the below table
- 14.2. UN proper shipping name** See the below table
- 14.3. Transport hazard class(s)** See the below table
- 14.4. Packing group** See the below table
- 14.5. Environmental hazards** See section 14.2 in accordance with UN shipping name
- 14.6. Special precautions for user** Relevant information under SECTION 6 to 8
- 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

	UN No.	Class	Proper shipping name	Packing group	Marine pollutant
IMDG	None				None
ADR/RID	None				
ICAO/IATA	None				

SECTION 15. REGULATORY INFORMATION

- 15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**
Not available.

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SECTION 15. REGULATORY INFORMATION (continued)

US FEDERAL REGULATION

TSCA : TSCA INVENTORY registered not registered

SARA TITLE III

SECTION 313 : COMPONENT CAS RNWt%
TOXIC CHEMICALS Benzene, 1,1'-methylenebis [4-isocyanato- 101-68-8 <0.5

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

INTERNATIONAL INFORMATION

CEPA : DSL registered not registered

REACH (EU) : registered not registered

SECTION 16. OTHER INFORMATION

Reference

- 1) Our testing data
- 2) OCCUPATIONAL SAFETY AND HEALTH STANDARDS (OSHA, 2015)
- 3) Threshold limit values of chemical substances and physical agents and biological exposure indices ACGIH(2015)

Technical contact point Refer to CJSA details at the bottom of the page

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Version USA GHS

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Unit 2, 18 Farrow Circuit Seaford Rise,
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Tel +61 432 423 103

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