

# Safety Data Sheet

## Product Identifier

### SECTION 1. IDENTIFICATION

**Product Identifier** Liquid Rubber Mulch Binder  
**Other Means of Identification** None  
**Recommended Use** Single Component Adhesive  
**Restrictions on Use** None known  
**Initial Supplier Identifier** Liquid Rubber Canada Inc.  
#16-1150 Eighth Line, Oakville, ON  
L6H 2R4, CANADA

**Emergency Telephone** **1-855-451-5820 – 24 hrs a day**

In an emergency call 911  
Alberta / Northwestern Territories (PADIS): 1-800-332-1414  
British Columbia (DPIC): 1-800-567-8911  
Manitoba: 1-855-7POISON (1-855-776-4766)  
New Brunswick: 911  
Nova Scotia / Prince Edward Island (IWK): 1-800-565-8161  
Ontario (OPC): 1-800-268-9017  
Québec (CAPQ): 1-800-463-5060  
Saskatchewan (PADIS): 1-866-454-1212  
Yukon Territory: (867) 393-8700  
See also section 4 "First aid measures".

CANUTEC 1-888-CAN-UTEC (226-8832), 613-996-6666 or \*666 on a cellular **phone**

### SECTION 2. HAZARD IDENTIFICATION

**Not classified according to WHMIS 2022**

#### Label elements

Hazard pictogram(s)



Signal word Not applicable.

Hazard statement(s) Not applicable.

#### Precautionary statement(s)

General Not applicable.

Prevention Not applicable.

Response Not applicable.

Storage Not applicable.

Disposal Not applicable.

Hazardous substances None known.

#### Health Hazards Not Otherwise Classified (HHNOC)

Causes eye irritation

Causes mild skin irritation

May be harmful if swallowed

May be harmful if inhaled

Repeated exposure may cause skin dryness or cracking.

Additional labelling Not applicable.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substances**

Not applicable. This product is a mixture.

**Mixtures**

Does not contain any substances required to report

See full text of H-phrases in section 16. Occupational exposure limits are listed in section 8, if these are available.

**Other information**

-

### SECTION 4. FIRST-AID MEASURES

**Description of first aid measures****General information**

If breathing is irregular, drowsiness, loss of consciousness or cramps: Call 911 and give immediate treatment (first aid).

Contact a doctor if in doubt about the injured person's condition or if the symptoms persist. Never give an unconscious person water or other drink.

**Inhalation**

In case of discomfort: bring the person into fresh air.

**Skin contact**

Upon irritation: rinse with water. In the event of continued irritation, seek medical assistance.

**Eye contact**

Rinse gently with lukewarm water. Remove any contact lenses if this is easy to do. Continue rinsing. In case of persistent eye irritation or discomfort: Seek medical help.

**Ingestion**

Rinse and flush mouth thoroughly and consume large quantities of water. In case of continued discomfort: seek medical assistance and bring this safety data sheet.

**Burns**

Not applicable.

**Most important symptoms and effects, both acute and delayed**

None known.

**Indication of any immediate medical attention and special treatment needed**

Treat symptomatically.

**Information to medics**

Bring this safety data sheet or the label from this product.

## SECTION 5. FIRE-FIGHTING MEASURES

### **Extinguishing media**

Not applicable.

### **Special hazards arising from the substance or mixture**

Fire will result in dense smoke. Exposure to combustion products may harm your health. Closed containers, which are exposed to fire, should be cooled with water. Do not allow fire-extinguishing water to enter the sewage system and nearby surface waters.

### **Advice for firefighters**

No specific requirements.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### **Personal precautions, protective equipment and emergency procedures**

Ensure adequate ventilation, especially in confined areas.

Contaminated areas may be slippery.

### **Environmental precautions**

Avoid discharge to lakes, streams, sewers, etc.

Keep unauthorized persons away from the spill

### **Methods and material for containment and cleaning up**

Contain and collect spillage with non-combustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations. Wherever possible cleaning should be performed with normal cleaning agents. Avoid use of solvents.

### **Reference to other sections**

See section 13 "Disposal considerations" on handling of waste.

See section 8 "Exposure controls/personal protection" for protective measures.

## SECTION 7. HANDLING AND STORAGE

### **Precautions for safe handling**

Smoking, drinking and consumption of food is not allowed in the work area.

See section 8 "Exposure controls/personal protection" for information on personal protection.

### **Conditions for safe storage, including any incompatibilities**

Recommended storage material

Keep only in original packaging.

### **Storage conditions**

10-30°C

Dry, cool and well-ventilated

### **Incompatible materials**

Strong acids

Strong bases

Strong oxidizing agents

### **Specific end use(s)**

This product should only be used for applications quoted in section 1.2.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control parameters

No substances are listed in any provincial list of substances with an occupational exposure limit.

### Exposure controls

Compliance with the given occupational exposure limits values should be controlled on a regular basis.

### General recommendations

Smoking, drinking and consumption of food is not allowed in the work area.

### Exposure scenarios

There are no exposure scenarios implemented for this product.

### Exposure limits

Professional users are subjected to the legally set maximum concentrations for occupational exposure. See occupational hygiene limit values above.

### Appropriate technical measures

The formation of vapours must be kept at a minimum and below current limit values (see above). Installation of a local exhaust system if normal air flow in the work room is not sufficient is recommended. Ensure eyewash and emergency showers are clearly marked. Apply standard precautions during use of the product. Avoid inhalation of vapours.

### Hygiene measures

Wash hands after use.

### Measures to avoid environmental exposure

No specific requirements.

### Individual protection measures, such as personal protective equipment

#### Generally

Use only protective equipment with a recognized certification mark, e.g. the UL mark.

#### Respiratory Equipment.

Type	Class	Color	Standards
Respiratory protection is not needed in the event of adequate ventilation.			

#### Skin Protection

Recommended	Type/Category	Standards
Wear appropriate protection clothing, e.g. coveralls in polypropylene or working clothes in cotton or polyester.	N/A	N/A



## Hand Protection

Material	Glove thickness(mm)	Breakthrough time	Standards
Nitrile	0.56	>240 mins	EN374-2, EN374-3 EN388



## Eye Protection

Type	Standards
Safety glasses with side shields	EN ISO 16321-1
Safety glasses with side shields	EN166
Face shield	EN ISO 16321-1
Face shield	EN166



## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Information on basic physical and chemical properties

Physical state	Liquid
Colour	Bluish Milky White
Odour	Mild
Odour threshold (ppm)	No data available
pH	9
Density (g/cm <sup>3</sup> )	No data available
Relative density	No data available
Kinematic viscosity	No data available
Particle characteristics	No data available
<b>Phase changes</b>	
Melting point (°C)	No data available
Softening point/range (°F)	Does not apply to liquids.
Boiling point (°C)	100
Vapour pressure	No data available
Relative vapour density	No data available
Decomposition temperature (°C)	No data available
<b>Data on fire and explosion hazards</b>	
Flash point (°C)	No data available
Flammability (°C)	Not Flammable
Auto-ignition temperature (°C)	No data available
Explosion limits (% v/v)	No data available
<b>Solubility</b>	
Solubility in water	Soluble
n-octanol/water coefficient (LogKow)	No data available
Solubility in fat (g/L)	No data available
<b>Other information</b>	
Sensitivity to shock	No
Evaporation rate (n-butylacetate = 100)	Water
Other physical and chemical parameters	No data available.
Oxidizing properties	No data available

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

No data available.

### Chemical stability

The product is stable under the conditions, noted in section 7 "Handling and storage".

### Possibility of hazardous reactions

None known.

### Conditions to avoid

Extremes of temperature  
Frost

### Incompatible materials

Strong acids  
Strong bases  
Strong oxidizing agents

### Hazardous decomposition products

Under normal conditions of storage and use, hazardous decomposition products should not be produced.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Information on toxicological effects

#### Acute toxicity

Product/substance Liquid Rubber Mulch Binder  
Other information: There is no data available.

#### Skin corrosion/irritation

Product/substance Liquid Rubber Mulch Binder  
Result: Adverse effect observed (Slightly irritating)

#### Serious eye damage/irritation

Product/substance Liquid Rubber Mulch Binder  
Result: Adverse effect observed (Slightly irritating)

#### Respiratory sensitization

Product/substance Liquid Rubber Mulch Binder  
Other information: There is no data available.

#### Skin sensitisation

Product/substance Liquid Rubber Mulch Binder  
Other information: There is no data available.

#### Germ cell mutagenicity

Product/substance Liquid Rubber Mulch Binder  
Other information: There is no data available.

#### Carcinogenicity

Product/substance Liquid Rubber Mulch Binder  
Other information: There is no data available.

**Reproductive toxicity**

Product/substance Liquid Rubber Mulch Binder  
Other information: There is no data available.

**STOT-single exposure**

Product/substance Liquid Rubber Mulch Binder  
Other information: There is no data available.

**STOT-repeated exposure**

Product/substance Liquid Rubber Mulch Binder  
Other information: There is no data available.

**Aspiration hazard**

Product/substance Liquid Rubber Mulch Binder  
Other information: There is no data available.

**Long term effects**

None known.

**Other information**

None known.

**SECTION 12. ECOLOGICAL INFORMATION****Toxicity**

Product/substance Liquid Rubber Mulch Binder  
Other information: There is no data available.

**Persistence and degradability**

Product/substance Liquid Rubber Mulch Binder  
Conclusion: -  
Other information: There is no data available.

**Bioaccumulative potential**

Product/substance Liquid Rubber Mulch Binder  
Conclusion: - Other information:  
There is no data available.

**Mobility in soil**

No data available.

**Results of PBT and vPvB assessment**

This mixture/product does not contain any substances known to fulfil the criteria for PBT and vPvB classification.

**Other adverse effects**

None known.

**SECTION 13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

None of the components are listed

**Specific labelling****Contaminated packing**

Packaging containing residues of the product must be disposed of similarly to the product.

## SECTION 14. TRANSPORT INFORMATION

	UN / ID	UN proper shipping name	Hazard class(es)	PG*	Env**
TDG	-	This product is not regulated		-	No
IMDG	-	This product is not regulated		-	No
IATA	-	This product is not regulated		-	No

\* Packing group

\*\* Environmental hazards

### Additional information

Not dangerous goods according to ADR, IATA and IMDG.

TDG / See Schedule 1 for any information on special provisions, requirements, or warnings in connection with transport. See part 3, for instructions in writing regarding mitigation of damages in relation to incidents or accidents during transport.

IMDG / See section 3.2.1, for any information on special provisions, requirements, or warnings in connection with transport.

IATA / See Table 4.2 for any information on special provisions, requirements, or warnings in connection with transport.

### Special precautions for user

Not applicable.

### Transport in bulk according to Annex II of Marpol and the IBC Code

No data available.

## SECTION 15. REGULATORY INFORMATION

### Safety, health and environmental regulations/legislation specific for the substance or mixture

#### Canadian lists

##### NDSL

None of the components are listed

##### DSL

None of the components are listed

#### Restrictions for application

No special.

#### Demands for specific education

No specific requirements.

#### Additional information

Not applicable.

#### Chemical safety assessment

No

Sources - Hazardous Products Regulations (SOR/2022-272)

## SECTION 16. OTHER INFORMATION

### The full text of identified uses as mentioned in section 1

None known.

### Abbreviations and acronyms

ANSI = American National Standards Institute

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

DSL = Domestic Substances List

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HHNOC = Health Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods

LogPow = logarithm of the octanol/water partition coefficient

MARPOL = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)

NDSL = Non-domestic substances list

OECD = Organisation for Economic Co-operation and Development

PBT = Persistent, Bioaccumulative and Toxic

PHNOC = Physical Hazards Not Otherwise Classified

RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail

SCL = A specific concentration limit.

SOR = Statutory Orders and Regulations

STEL = Short-term exposure limits

STOT-RE = Specific Target Organ Toxicity - Repeated Exposure

STOT-SE = Specific Target Organ Toxicity - Single Exposure

TDG = Transportation of Dangerous Goods

TWA = Time weighted average

UN = United Nations

UVBC = Unknown or variable composition, complex reaction products or of biological materials

VOC = Volatile Organic Compound v

PvB = Very Persistent and Very Bioaccumulative

WHIMS = Workplace Hazardous Materials Information System

### Additional information

Not applicable.

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