



SAFETY DATA SHEET

Bar's Leaks Liquid Aluminum Stop Leak

SECTION 1: IDENTIFICATION

1.1. Product identifier

Trade name: Bar's Leaks Liquid Aluminum Stop Leak
Product no.: 1186

1.2. Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture: Radiator anti-leak
For private use
Uses advised against : None known.

1.3. Details of the supplier of the safety data sheet

Company and address: **Bar's Products**
P.O. Box 187
Holly, MI 48442
USA
(810) 603-1321
www.barsleaks.com
E-mail: support@barsleaks.com
SDS date: 04 February 2026
SDS Version: 2.0
Date of previous version: 01 February 2024 (1.0)

1.4. Emergency telephone number

ChemTel Inc.
(800) 255-3924 (North America)
+1 (813) 248-0585 (International)

SECTION 2: HAZARD(S) IDENTIFICATION

2.1. Classification of the substance or mixture

Not classified according to HCS (29 CFR 1910.1200)

2.2. Label elements

Hazard pictogram(s): Not applicable.
Signal word: Not applicable.
Hazard statement(s):



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

Precautionary statement(s):

▼ <i>General:</i>	Not applicable.
▼ <i>Prevention:</i>	Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. (P210) Do not allow contact with air. (P222) Wear eye protection/protective gloves. (P280)
▼ <i>Response:</i>	Leaking gas fire: Do not extinguish, unless leak can be stopped safely. (P377) In case of leakage, eliminate all ignition sources. (P381)
▼ <i>Storage:</i>	Store in a well-ventilated place. (P403)
▼ <i>Disposal:</i>	Not applicable.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Substances

Not applicable. This product is a mixture.

3.2. ▼ Mixtures

Does not contain any substances required to report

Where the concentration of an ingredient is expressed as a range the exact concentration has been withheld as a trade secret.

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

Other information

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SECTION 4: FIRST-AID MEASURES

4.1. ▼ 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:* Upon breathing difficulties or irritation of the respiratory tract: Bring the person into fresh air and stay with him/her.
- ▼ *Skin contact:* Remove contaminated clothing and shoes immediately. Ensure to wash exposed skin thoroughly with water and soap. Skin cleanser can be used. DO NOT use solvents or thinners.
- ▼ *Eye contact:* If in eyes: Flush eyes with water or saline water (20-30 °C) for at least 5 minutes. Remove contact lenses. Seek medical assistance and continue flushing during transport.
- ▼ *Ingestion:* If the person is conscious, rinse the mouth with water and stay with the person. Never give the person anything to drink. In case of malaise, seek medical advice immediately and bring the safety data sheet or label from the product. Do not induce vomiting, unless recommended by the doctor. Have the person lean forward with head down to avoid inhalation of or choking on vomited material.
- Burns:* Not applicable.

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

None known.

4.3. 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

5.1. Extinguishing media

Not applicable.

5.2. 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.

5.3. ▼ Advice for firefighters

No specific requirements.



SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1. Personal precautions, protective equipment and emergency procedures**
Ensure adequate ventilation, especially in confined areas.
Contaminated areas may be slippery.
- 6.2. Environmental precautions**
Avoid discharge to lakes, streams, sewers, etc.
Keep unauthorized persons away from the spill
- 6.3. 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.
- 6.4. 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

- 7.1. 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.
- 7.2. ▼ Conditions for safe storage, including any incompatibilities**
Containers that have been opened must be carefully resealed and kept upright to prevent leakage.
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|--------------------------------------|--|
| <i>Recommended storage material:</i> | Always store in containers of the same material as the original container. |
| <i>Storage conditions:</i> | Cool, dry conditions in well sealed receptacles |
| <i>Incompatible materials:</i> | Foodstuffs
Oxidizing agents |
- 7.3. Specific end use(s)**
This product should only be used for applications quoted in section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

- 8.1. Control parameters**
Cellulose
Long term exposure limit (OSHA Table Z-1) (mg/m³): 15 (total dust) / 5 (Respirable fraction)



Long term exposure limit (ACGIH TLV) (mg/m³): 10 (Total dust)
Long term exposure limit (NIOSH REL) (mg/m³): 10 (Total dust), 5 (Respirable fraction)

Part 1910 - Occupational Safety and Health Standards (29 CFR 1910.1000 TABLE Z-1 - Limits for Air Contaminants)

8.2. ▼ 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:*

In between use of the product and at the end of the working day all exposed areas of the body must be washed thoroughly. Pay special attention to hands, forearms and face.

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:*

No specific requirements.

Skin protection:

No specific requirements.

Hand protection:



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Material	Glove thickness (mm)	Breakthrough time (min.)	Standards	
Gloves	-	-	EN374	

Eye protection:

Type	Standards	
Safety glasses	EN166	

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<i>Physical state:</i>	Liquid
▼ <i>Color:</i>	Silver
<i>Odor:</i>	Light
▼ <i>Odor threshold (ppm):</i>	No data available.
<i>pH:</i>	8.5-9.5
<i>Density (g/cm³):</i>	0.995-1.02
<i>Kinematic viscosity:</i>	Not determined
▼ <i>Dynamic viscosity:</i>	1100-1700 mPa.s (25 °C)
<i>Particle characteristics:</i>	Does not apply to liquids.

Phase changes

<i>Melting point/freezing point (°F):</i>	Not determined
<i>Softening point/range (°F):</i>	Does not apply to liquids.
<i>Boiling point (°F):</i>	Not determined
<i>Vapor pressure:</i>	Not determined
▼ <i>Relative vapor density:</i>	No data available.
<i>Decomposition temperature (°F):</i>	Not determined

Data on fire and explosion hazards

<i>Flash point (°F):</i>	Not applicable
<i>Flammability (°F):</i>	Not applicable
<i>Auto-ignition temperature (°F):</i>	Not determined
▼ <i>Explosion limits (% v/v):</i>	No data available.

Solubility



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

<i>Solubility in water:</i>	Fully miscible.
▼ <i>n-octanol/water coefficient (LogKow):</i>	No data available.
▼ <i>Solubility in fat (g/L):</i>	No data available.

9.2. Other information

<i>Other physical and chemical parameters:</i>	No data available.
<i>Oxidizing properties:</i>	Not determined

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No data available.

10.2. Chemical stability

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

10.3. Possibility of hazardous reactions, including those associated with foreseeable emergencies

None known.

10.4. Conditions to avoid

Excessive heat

10.5. Incompatible materials

Foodstuffs
Oxidizing agents

10.6. ▼ Hazardous decomposition products

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

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

▼ Acute toxicity

Based on available data for the mixture, the classification criteria are not met.

▼ Skin corrosion/irritation

Based on available data for the mixture, the classification criteria are not met.

▼ Serious eye damage/irritation

Based on available data for the mixture, the classification criteria are not met.

▼ Respiratory sensitisation

Based on available data for the mixture, the classification criteria are not met.

▼ Skin sensitisation

Based on available data for the mixture, the classification criteria are not met.

▼ Germ cell mutagenicity



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Based on available data for the mixture, the classification criteria are not met.

▼ Carcinogenicity

Based on available data for the mixture, the classification criteria are not met.

▼ Reproductive toxicity

Based on available data for the mixture, the classification criteria are not met.

▼ STOT-single exposure

Based on available data for the mixture, the classification criteria are not met.

▼ STOT-repeated exposure

Based on available data for the mixture, the classification criteria are not met.

▼ Aspiration hazard

Based on available data for the mixture, the classification criteria are not met.

Long term effects

None known.

Other information

None known.

SECTION 12: ECOLOGICAL INFORMATION

12.1. ▼ Toxicity

Based on available data for the mixture, the classification criteria are not met.

12.2. ▼ Persistence and degradability

Based on available data for the mixture, the classification criteria are not met.

12.3. ▼ Bioaccumulative potential

Based on available data for the mixture, the classification criteria are not met.

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

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

12.6. Other adverse effects

None known.

SECTION 13: DISPOSAL CONSIDERATIONS

RCRA Hazardous waste ("P" and "U" list) (40 CFR 261)

None of the components are listed

Specific labelling

Contaminated packing

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



Conforms to OSHA Hazard Communication Standard (HCS) (29 CFR 1910.1200 / revised 2024)

SECTION 14: TRANSPORT INFORMATION

	14.1 UN / ID	14.2 UN proper shipping name	14.3 Hazard class(es)	14.4 PG*	14.5 Env**	Other informat ion:
DOT	-	-	-	-	-	-
IMDG	-	-	-	-	-	-
IATA	-	-	-	-	-	-

* Packing group

** Environmental hazards

▼ Additional information

Not dangerous goods according to ADR/ADN/RID, IATA and IMDG.

Although this product is environmentally hazardous, the environmentally hazardous substance mark has been omitted as the product is supplied in packaging with a maximum quantity of 5 L / 5 kg.

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14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to IMO instruments

No data available.

SECTION 15: REGULATORY INFORMATION

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

15.2. ▼ U.S. Federal regulations

TSCA (the non-confidential portion):

Cellulose is listed

Mica is listed

Clean Air Act:

None of the components are listed

EPCRA Section 302:

None of the components are listed

EPCRA Section 304:

None of the components are listed

EPCRA section 313:

None of the components are listed

CERCLA:

None of the components are listed

▼ *Hazardous chemical inventory reporting:*

This product is not subject to Tier II reporting.

▼ State regulations

▼ *California / Prop. 65:*

None of the components are listed

Massachusetts / Right To Know Act:

Cellulose is listed

Mica is listed



New Jersey / Right To Know Act:

Cellulose / Substance number: 3227

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Mica / Substance number: 1659

New York / Right To Know Act:

—
None of the components are listed

Pennsylvania / Right To Know Act:

Cellulose is listed

—
Mica is listed

15.4. Restrictions for application

No special.

15.5. Demands for specific education

No specific requirements.

15.6. Additional information

Not applicable.

15.7. Chemical safety assessment

No

15.8. Sources

OSHA Hazard Communication Standard (29 CFR 1910.1200)

SECTION 16: OTHER INFORMATION

The full text of identified uses as mentioned in section 1

None known.

Abbreviations and acronyms

ACGIH = American Conference of Governmental Industrial Hygienists

ADN = European Provisions concerning the International Carriage of Dangerous Goods by Inland Waterway

ADR = The European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE = Acute Toxicity Estimate

BCF = Bioconcentration Factor

CAS = Chemical Abstracts Service

CERCLA = Comprehensive Environmental Response Compensation and Liability Act

DOT = Department of Transportation

EINECS = European Inventory of Existing Commercial chemical Substances

EPCRA = Emergency Planning and Community Right-To-Know Act

GHS = Globally Harmonized System of Classification and Labelling of Chemicals

HCIS = Hazardous Chemical Information System

HNOC = Hazards Not Otherwise Classified

IARC = International Agency for Research on Cancer

IATA = International Air Transport Association

IMDG = International Maritime Dangerous Goods



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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)
NFPA = National Fire Protection Association
NIOSH = National Institute for Occupational Safety and Health
OECD = Organisation for Economic Co-operation and Development
OSHA = Occupational Safety and Health Administration
PBT = Persistent, Bioaccumulative and Toxic
RCRA = Resource Conservation and Recovery Act
RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
RRN = REACH Registration Number
SARA = Superfund Amendments and Reauthorization Act
SCL = A specific concentration limit.
STEL = Short-term exposure limits
STOT-RE = Specific Target Organ Toxicity - Repeated Exposure
STOT-SE = Specific Target Organ Toxicity - Single Exposure
TSCA = The Toxic Substances Control Act
TWA = Time weighted average
UN = United Nations
UVBC = Unknown or variable composition, complex reaction products or of biological materials
VOC = Volatile Organic Compound
vPvB = Very Persistent and Very Bioaccumulative

Additional information

Not applicable.

The safety data sheet is validated by

NL

▼ Other

A change (in proportion to the last essential change (first cipher in SDS version, see section 1)) is marked with a triangle.

The information in this safety data sheet applies only to this specific product (mentioned in section 1) and is not necessarily correct for use with other chemicals/products.

It is recommended to hand over this safety data sheet to the actual user of the product.

Information in this safety data sheet cannot be used as a product specification.

Country-language: US-en