

SAFETY DATA SHEET (SDS)

1. Identification

Product identifier/Name UV Curable leak repair material - LeakAid
Product Code(s) LL-100-LA10G, LL-100-LA180G
Supplier Name LeakLab Japan Co. Ltd
Supplier Address 5655, Takayamacho, Ikoma-shi, Nara Prefecture 630-0101, Japan
Supplier Phone Number +81-743-21-0005
Supplier Fax Number +81-743-21-0006
E-mail Address info@leaklab-japan.com
Emergency Contact Number +81-743-21-0005
Recommended use Industrial Resins

2. Hazard(s) identification

GHS Classification
Physical Hazard Flammable liquid Not classified
Health Hazard Skin corrosion/irritation Category 2
Serious eye damage/ eye irritation Category 1
Environmental Hazard Aquatic hazard (acute) Category 3
Aquatic hazard (long-term) Category 3

※Hazard classifications unmentioned above are "Not applicable" or "Not possible."

GHS Label Elements



Signal words Danger
Hazard Statement Causes skin irritation
Causes serious eye damage
Harmful to aquatic life
Harmful to aquatic life with long lasting effects

Precautionary statement
Safety precaution Avoid breathing mist/vapors/spray.
Wash thoroughly after handling.
Avoid release to the environment.
Wear protective gloves and eye/face protection.

Emergency measures In case of contact with the skin: Gently wash with plenty of water and soap.
If skin irritation occurs: Get medical advice/attention immediately.
Remove/Take off immediately all contaminated clothing.

In case of eye contact: Rinse cautiously with plenty of water for several minutes.
Remove contact lenses if they are worn and can be easily removed. Continue rinsing.
Get medical advice/attention immediately.

Disposal Outsource the contents/container to a specialized waste disposal company
licensed by the prefectural governor.

3. Composition/information on ingredients

Distinction between single chemical substances and mixtures: Mixture

Composition substance name	CAS Registration No.	Type of chemical substances designated by the Chemical Substances Control Law	Official Gazette Notification Number of the Chemical Substances Control Law	Safety and Health Law Official Gazette Notification Reference Number	Concentration or concentration range
Silica (amorphous)	※	※	※	※	60~70 %
Acrylic esters	※	※	※	※	30~40 %
Photo-initiators	※	※	※	※	< 10 %

※Not stated due to confidential information.

4. First-aid measures

If inhaled	Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or doctor/physician. If breathing has stopped, administer artificial respiration. If breathing is difficult, administer oxygen.
In case of contact with the skin	Remove/Take off immediately all contaminated clothing. Gently wash with plenty of soap and water. If feeling unwell, call a POISON CENTER or doctor/physician. If skin irritation or rash occurs, seek medical attention/attention. Wash contaminated clothing before reuse.
In case of contact with the eye	Rinse carefully with water for several minutes. Next, remove contact lenses if they are worn and can be easily removed. Continue rinsing. Get medical advice/attention immediately.
If swallowed	Immediately call a POISON CENTER or a doctor/physician. Rinse mouth. Do not induce vomiting.

5. Fire-fighting measures

Suitable extinguishing media	Use carbon dioxide, dry chemical powder or foam.
Extinguishing media that should not be used	No data available.
Specific fire hazards	In case of fire, dangerous polymerization may occur and toxic gases may be generated.
Special fire extinguishing methods	When extinguishing fires, apply a positive pressure self-contained breathing apparatus and protective clothing to prevent skin and eye contact. Evacuate area and fire-fight from a safe distance and upwind.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Wear suitable protective equipment as specified in Section 8. Ensure adequate ventilation.
Environmental precautions	Don't allow the spilled product to enter public drainage systems or open water courses.
Methods and material for containment and cleaning up	Absorb spilled material with nonflammable inert absorbent (e.g., dry sand or soil) and collect. The remaining should be washed away with plenty of water. If a large amount of spillage occurs, enclose it with fill and dispose of it later.
Measures to prevent secondary disasters	Remove any ignition sources in the surrounding area.

7. Handling and storage

Advice on safe handling	Handle in a well-ventilated place. Avoid breathing the vapor. Keep away from ignition sources such as heat/sparks/open flames/hot surfaces. - No smoking. Avoid contact with eyes and skin by wearing the recommended protective equipment. Remove contaminated clothing and shoes. Wash thoroughly after handling.
Storage Conditions	Keep away from contraindications and avoid UV light, sunlight, and high temperatures. Tightly close the container and store it at room temperature.

8. Exposure controls/personal protection

Control parameters - Exposure Limits	No data available.
Appropriate engineering controls - Engineering controls	Handle in a properly ventilated area.
Protective equipment	
Respiratory protective	Apply appropriate respirator.
Hand protection	Apply suitable gloves. (e.g. Chemical-resistant gloves)
Eyes and face protection	Use safety glasses with side-shields or goggles.
Skin and body protection	Wear suitable protective clothing. Set up appropriate ventilation systems.

9. Physical and chemical properties

Physical state	Appearance	Viscous liquid
	Color	White
	Odor	Slight
Melting point/Freezing point		No data available.
Initial boiling point and boiling range		No data available.
Flammability		No data available.
Flammability Limit in Air		
Upper flammability or explosive limits		No data available.
Lower flammability or explosive limits		No data available.
Flash point		113°C (Setaflash Method)
Autoignition temperature		No data available.
Decomposition temperature		No data available.
pH		No data available.
Kinematic viscosity		No data available.
Solubility(ies)		Insoluble or difficult
n-octanol/water partition coefficient (log value)		No data available.
Steam pressure		No data available.
Density and/or relative density		Approx. 1.5
Relative gas density		No data available.
Partition coefficient		Not applicable

10. Stability and reactivity

Reactivity	No data available.
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Polymerization occurs under sunlight, ultraviolet light, and heat.
Conditions to avoid	Sunlight, ultraviolet light and heat
Incompatible Hazardous Substances	Acids, bases, oxidizing substances
Hazardous decomposition products	Carbon monoxide, carbon dioxide, nitrogen oxides

11. Toxicological information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Acute toxicity	May be harmful to health by inhalation, ingestion, or skin absorption. Vapor or mist is irritating to eyes, mucous membranes and upper respiratory tract.
Toxicity data	No data available.
Skin corrosion/irritation	Causes skin irritation.
Serious eye damage/eye irritation	Causes serious eye damage.
Respiratory or skin sensitization	No data available.
Germ cell mutagenicity	No data available.
Carcinogenicity	No data available.
Reproductive toxicity	No data available.
STOT - single exposure	No data available.
STOT - repeated exposure	No data available.
Aspiration hazard	No data available.

12. Ecological information

To the best of our knowledge, the chemical, physical, and toxicological properties have not been thoroughly investigated.

Ecotoxicity	Harmful to aquatic life. Harmful to aquatic life with long lasting effects. Do not allow product to reach ground water, water course or sewage system.
Persistence and degradability	No data available.
Bioaccumulation	No data available.
Mobility in the soil	No data available.
Hazardous to the ozone layer	No data available.

13. Disposal considerations

These products and containers should be disposed of using legal facilities and methods, or outsourced to an officially licensed disposal company with clear disclosure of the contents.

14. Transport information

International regulations

UN number	Not applicable.
Marine pollutant	Not applicable.

Domestic regulations

Land transportation	Comply with the Fire Service Act, Poisonous and Deleterious Substances Control Act, Road Act, etc.
Marine transportation	Comply with ship safety laws, etc.
Air transportation	Comply with the Civil Aeronautics Law, etc.

15. Regulatory information

Industrial Safety and Health Act

Article 57 of the Law (Order 18) Hazardous Substances to be Labeled by Name	Not applicable.
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Article 57-2 of the Law (Article 18-2 of the Order) Hazardous substances of which name should be notified	Not applicable.
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Existing chemical substances that have been found to be mutagenic, etc.	Not applicable.
Carcinogenic substance	Not applicable.
Chemical Substances Hazardous to Skin, etc. (Effective April 1, 2024)	Not applicable.

Chemical Substance Release Monitoring and Management Promotion Law (PRTR Law)	Not applicable.
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Poisonous and Deleterious Substances Control Law	Not applicable.
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Chemical Substances Control Law

Chemical Substance Control Law Number All existing or already notified	Not applicable.
Class 1 and Class 2 specified chemical substances	Not applicable.

Fire Service Act	Designated combustibles (synthetic resins)
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Export Trade Control Order	Catch-All Control - regulated product
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16. Other information

Reference : SDSs of raw material manufacturers.

The information herein is the best of our knowledge and is only related to this specific product. No warranty, either expressed or implied, is made with respect to such information. The recommended handling procedures are believed to be generally applicable. However, it is user's responsibility to review these recommendations in the specific content of the intended use.

Since this SDS is subject to revision based on new findings, we recommend that you request the latest version of the SDS from our sales department.

以上

[Note] This SDS has been prepared in accordance with JIS Z7253:2019.