

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	AirMore 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@n-airmore.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	Hazardous to the aquatic environment (acute hazard)	Category 3
	Hazardous to the aquatic environment (long-term hazard)	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	Prevention
	Avoid breathing mist/vapors/spray.
	Wash thoroughly after handling.
	Avoid release to the environment.
	Wear protective gloves/protective clothing/eye protection/face protection.
Response	IF ON SKIN: Wash with plenty of soap and water.
	If skin irritation occurs: Get medical advice/attention.
	Take off contaminated clothing and wash it before reuse.
	IF IN EYES: Rinse cautiously with water for several minutes.
	Remove contact lenses, if present and easy to do. Continue rinsing.
	Immediately call a POISON CENTER or doctor/physician.
Disposal	Dispose of contents/container in accordance with local/regional/national/international regulation.

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
Amorphous silica	Trade Secret	※	※	※	60 ~ 70 %
Acrylic esters	Trade Secret	※	※	※	30 ~ 40 %
2-Propenamide, N-(1-methylethyl)-	2210-25-5	※	※	※	< 10 %
Photo-initiators	Trade Secret	※	※	※	< 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	Wear positive pressure, self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes. Evacuate area and fight fire from a safe distance.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures	Wear suitable protective equipment as specified in Section 8. Ensure adequate ventilation. Isolate area. Keep unnecessary personnel away.
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. Thoroughly wash the area with water after clean-up of a spill or leak. 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	Tightly close the container and store it in a freezer. Avoid UV light, sunlight and high temperature.

8. Exposure controls/personal protection

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

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 (SETA Closed-Cup)
Autoignition temperature		No data available.
Decomposition temperature		No data available.
pH		No data available.
Kinematic viscosity		No data available.
Solubility in water		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 vapour density		No data available.
Particle characteristics		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.
Article 57-2 of the Law (Article 18-2 of the Order) Hazardous substances of which name should be notified		Not applicable.
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.
Poisonous and Deleterious Substances Control Law		Not applicable.
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)	
Export Trade Control Order	Catch-All Control - regulated product	

16. Other information

Reference SDS of each component issued by material makers.

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.