

Safety Data Sheet
according to HPR, Schedule 1

Printing date 01/28/2022

Reviewed on 01/28/2022

1 Identification

- **Product identifier:** LT-100
- **Trade name:** GreatSeal LT-100 Liquid Tape
- **Item number(s):** LT-100
- **SDS Number:** 403
- **Application of the substance / the mixture** SEALANT
- **Manufacturer/Supplier:**
USA ADDRESS:
KEMPER SYSTEM AMERICA, INC.
1200 NORTH AMERICA DR,
WEST SENECA, NY 14224
PH (716) 558-2971

CANADIAN ADDRESS:
ASTARAS CANADA, INC.
4-7075 EDWARDS BLVD
MISSISSAUGA, ONTARIO, L5S 1Z2
PH (905) 624-5463
- **Information department:**
Tel: (716) 712-9931
www.kempersystem.net
- **Emergency telephone number:**
ChemTrec (800) 424-9300 / 1-(703)-741-5970
Canada only: CANUTEC (Call collect) (613) 996-6666

2 Hazard identification

- **Classification of the substance or mixture:**



GHS08 Health hazard

Reproductive Toxicity - Category 1B H360 May damage fertility or the unborn child.



GHS07

Eye Irritation - Category 2A

H319 Causes serious eye irritation.

Skin Sensitizer - Category 1

H317 May cause an allergic skin reaction.

- **Label elements**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Signal word:** Danger

- **Hazard-determining components of labeling:**

N-(3-(trimethoxysilyl)propyl)ethylenediamine

Tin, dibutylbis(2,4-pentanedionato-O,O')-, (OC-6-11)-

- **Hazard statements:**

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H360 May damage fertility or the unborn child.

- **Precautionary statements:**

P201 Obtain special instructions before use.

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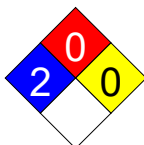
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P202	Do not handle until all safety precautions have been read and understood.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P264	Wash thoroughly after handling.
P272	Contaminated work clothing should not be allowed out of the workplace.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P302+P352	If on skin: Wash with plenty of soap and water.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313	IF exposed or concerned: Get medical advice/attention.
P333+P313	If skin irritation or rash occurs: Get medical advice/attention.
P337+P313	If eye irritation persists: Get medical advice/attention.
P362+P364	Take off contaminated clothing and wash it before reuse.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national/international regulations.

- **Information pertaining to particular dangers for man and environment:**
- **NFPA ratings (scale 0 - 4):**



Health = 2
Fire = 0
Reactivity = 0

3 Composition/Information on ingredients

- **Chemical characterization: Mixtures**
- **Description:** Mixture of the substances listed below with nonhazardous additions.

· **Dangerous components:**

471-34-1	calcium carbonate	15-40% w/w *
13463-67-7	Titanium Dioxide	1-5% w/w *
1333-86-4	Carbon Black	1-5% w/w *
1760-24-3	N-(3-(trimethoxysilyl)propyl)ethylenediamine	≥1-<3% w/w *
22673-19-4	Tin, dibutylbis(2,4-pentanedionato-O,O'), (OC-6-11)-	0.1-1% w/w *

* Actual concentration ranges are withheld as a trade secret.

- **Additional information:** * Titanium Dioxide, Carbon Black not present in all colors of product.

4 First-aid measures

· **After inhalation:**

Supply fresh air and to be sure call for a doctor.
In case of unconsciousness place patient stably in side position for transportation.

· **After skin contact:**

Wash with plenty of soap and water. Take off contaminated clothing and wash it before reuse. If skin irritation or a rash occurs: Get medical advice/attention.

· **After eye contact:**

Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do – continue rinsing. If eye irritation persists get medical advice/attention.

· **After swallowing:** If symptoms persist consult doctor.

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

No further relevant information available.

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- **Indication of any immediate medical attention and special treatment needed:**
No further relevant information available.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Protective equipment:** No special measures required.

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures:**
Wear protective clothing.
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:** Pick up mechanically.
- **Reference to other sections:**
See Section 7 for information on safe handling.
See Section 8 for information on personal protection equipment.
See Section 13 for disposal information.

7 Handling and storage

- **Handling**
- **Precautions for safe handling:** No special precautions are necessary if used correctly.
- **Information about protection against explosions and fires:** No special measures required.
- **Storage**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.
- **Specific end use(s):** No further relevant information available.

8 Exposure controls/ Personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Components with limit values that require monitoring at the workplace:**

471-34-1 calcium carbonate

PEL (USA)	TWA: 15* 5** mg/m ³ *total dust **respirable fraction
REL (USA)	TWA: 10* 5** mg/m ³ *total dust **respirable fraction
TLV (USA)	TLV withdrawn

13463-67-7 Titanium Dioxide

EL (Canada)	TWA: 10* 3** mg/m ³ *total dust; **respirable fraction; IARC 2B
EV (Canada)	TWA: 10 mg/m ³ total dust

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PEL (USA)	TWA: 15* mg/m ³ *total dust
REL (USA)	See Pocket Guide App. A
TLV (USA)	TWA: 10 mg/m ³
1333-86-4 Carbon Black	
EL (Canada)	TWA: 3 mg/m ³ IARC 2B
EV (Canada)	TWA: 3.5 mg/m ³
PEL (USA)	TWA: 3.5 mg/m ³
REL (USA)	TWA: 3.5* mg/m ³ *0.1 in presence of PAHs; See Pocket Guide Apps.A+C
TLV (USA)	TWA: 3* mg/m ³ *inhalable fraction

- **Additional information:** The lists that were valid during the creation were used as basis.
- **Personal protective equipment**
- **General protective and hygienic measures:**
Immediately remove all soiled and contaminated clothing.
Wash hands before breaks and at the end of work.
- **Breathing equipment:** Use suitable respiratory protective device in case of insufficient ventilation.
- **Protection of hands:**



Protective gloves

The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.

- **Material of gloves:** Nitrile
- **Eye protection:** Safety glasses

9 Physical and chemical properties

· Form:	Paste
· Color:	Blue
· Odor:	Sweetish
· Odor threshold:	Not determined.
· pH-value:	Not applicable.
· Change in condition	
Melting point/Melting range:	Undetermined.
Boiling point/Boiling range:	Not determined.
· Flash point:	Not applicable.
· Flammability (solid, gaseous):	Not determined.
· Decomposition temperature:	Not determined.
· Auto igniting:	Product is not selfigniting.
· Danger of explosion:	Product does not present an explosion hazard.
· Explosion limits	
Lower:	Not determined.

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Upper:	Not determined.
· Vapor pressure:	Not applicable.
· Density at 20 °C:	1.54 g/cm ³
· Relative density:	Not determined.
· Vapor density at 20 °C:	1 AIR=1
· Evaporation rate:	Not applicable.
· Solubility in / Miscibility with Water:	Insoluble.
· Partition coefficient (n-octanol/water):	Not determined.
· Viscosity:	
Dynamic:	Not applicable.
Kinematic:	Not applicable.
· Solvent content:	
VOC content:	<17 g/l
· Other information	No further relevant information available.

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

11 Toxicological information

- **Information on toxicological effects:**
- **Acute toxicity**
- **Specific symptoms in biological assay:** No further relevant information available.
- **Primary irritant effect**
- **on the skin:** Irritant to skin and mucous membranes.
- **on the eye:** Irritating effect.
- **Sensitization:** Sensitization possible through skin contact.
- **Additional toxicological information:**
The product shows the following dangers according to internally approved calculation methods for preparations:
Irritant

- **Carcinogenic categories**

· IARC (International Agency for Research on Cancer)		
13463-67-7	Titanium Dioxide	2B
1333-86-4	Carbon Black	2B

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- **NTP (National Toxicology Program)**
- None of the ingredients is listed.

12 Ecological information

- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Additional ecological information**
- **General notes:** Not hazardous for water.
- **Other adverse effects:** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
- **Recommendation:**
Must not be disposed of together with household garbage. Do not allow product to reach sewage system.
- **Uncleaned packagings**
- **Recommendation:**
Place in a sealed container and label as waste. Place in a safe area, and comply with all federal, state, provincial and local regulations for disposal.

14 Transport information

- | | |
|---|-----------------|
| · UN-Number | |
| · DOT/TDG, ADR, ADN, IMDG, IATA | Not regulated |
| · UN proper shipping name | |
| · DOT/TDG, ADR, ADN, IMDG, IATA | Not regulated |
| · Transport hazard class(es) | |
| · DOT, ADR, ADN, IMDG, IATA | |
| · Class | Not regulated |
| · Packing group | |
| · DOT/TDG, ADR, IMDG, IATA | Not regulated |
| · Environmental hazards: | Not applicable. |
| · Special precautions for user: | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code: | Not applicable. |
| · UN "Model Regulation": | Not regulated |

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15 Regulatory information

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

No further relevant information available.

· **Sara**

· **Section 355 (extremely hazardous substances):**

None of the ingredients is listed.

· **Section 313 (Specific toxic chemical listings):**

67-56-1	methanol
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110-54-3	n-hexane
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· **TSCA (Toxic Substances Control Act):**

All ingredients are listed or exempted

· **Proposition 65**

· **Chemicals known to cause cancer:**

1333-86-4	Carbon Black
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· **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

· **Chemicals known to cause reproductive toxicity for males:**

110-54-3	n-hexane
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· **Chemicals known to cause developmental toxicity:**

67-56-1	methanol
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· **Canadian substance listings**

· **Canadian Domestic Substances List (DSL/NDSL):**

All ingredients are listed.

· **Canadian Ingredient Disclosure list (limit 0.1%):**

None of the ingredients is listed.

· **Canadian Ingredient Disclosure list (limit 1%):**

1333-86-4	Carbon Black
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· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms**



GHS07 GHS08

· **Signal word** Danger

· **Hazard-determining components of labeling:**

N-(3-(trimethoxysilyl)propyl)ethylenediamine

Tin, dibutylbis(2,4-pentanedionato-O,O'), (OC-6-11)-

· **Hazard statements**

H319 Causes serious eye irritation.

H317 May cause an allergic skin reaction.

H360 May damage fertility or the unborn child.

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16 Other information

This SDS format meets ANSI Z400.1-2010, OSHA 1910.1200 and WHMIS requirements. Kemper System America, Inc. provides the information contained herein in good faith but makes no representation as to its comprehensiveness or accuracy. This document is intended only as a guide to the appropriate precautionary handling of the material by a properly trained person using this product. Product use and conditions of use are beyond the control of Kemper System America, Inc. Warranty of materials is limited to test results of product performance as detailed in certificates of compliance. Interpretation of test results is the responsibility of end-user. No other warranties, expressed or implied, are made. Kemper System America, Inc is an ISO 9001:2015 and ISO 14001:2015 registered company.

- **Department issuing SDS:** Product safety department
- **Contact:**
- **Date of the latest revision of the safety data sheet** 01/28/2022 / -
- **Abbreviations and acronyms:**
 - IMDG: International Maritime Code for Dangerous Goods
 - DOT: US Department of Transportation
 - IATA: International Air Transport Association
 - EINECS: European Inventory of Existing Commercial Chemical Substances
 - ELINCS: European List of Notified Chemical Substances
 - CAS: Chemical Abstracts Service (division of the American Chemical Society)
 - NFPA: National Fire Protection Association (USA)
 - VOC: Volatile Organic Compounds (USA, EU)

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