



Revision Number: 004.1

Issue date: 11/18/2025

1. IDENTIFICATION

Product name: LOCTITE ABLESTIK ABP 8068TB **IDH number:** 2862882
Product type/ Die attach adhesive
Recommended use:
Restriction of Use: None identified **Region:** United States
Company address: **Contact information:**
 Henkel Corporation Telephone: +1 (860) 571-5100
 One Henkel Way MEDICAL EMERGENCY Phone: Poison Control Center
 Rocky Hill, Connecticut 06067 1-877-671-4608 (toll free) or 1-303-592-1711
 TRANSPORT EMERGENCY Phone: CHEMTREC
 1-800-424-9300 (toll free) or 1-703-527-3887
 Internet: www.henkelna.com

This product contains one or more components that are exempt from listing on the U.S. Toxic Substances Control Act (TSCA) inventory because a Low Volume Exemption (LVE) has been granted in accordance with 40 CFR 723.50. Quantities may be limited. This product contains one or more components that are exempt from listing on the U. S. Toxic Substances Control Act (TSCA) inventory because a polymer exemption has been granted in accordance with 40 CFR 723.250.

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: H317 - MAY CAUSE AN ALLERGIC SKIN REACTION.
 H334 - MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED.

| HAZARD CLASS | HAZARD CATEGORY |
|---------------------------|-----------------|
| RESPIRATORY SENSITIZATION | 1 |
| SKIN SENSITIZATION | 1 |

PICTOGRAM(S)



Precautionary Statements

Prevention: P261 - Avoid breathing mist/vapours.
 P272 - Contaminated work clothing should not be allowed out of the workplace.
 P280 - Wear protective gloves.
Response: P284 - [In case of inadequate ventilation] wear respiratory protection.
 P302+P352 - IF ON SKIN: Wash with plenty of water.
 P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
 P333+P313 - If skin irritation or rash occurs: Get medical attention.
 P342+P311 - If experiencing respiratory symptoms: Call a poison center or physician.
 P362+P364 - Take off contaminated clothing and wash it before reuse.
Storage: Not prescribed
Disposal: P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Other hazards Not available.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

| Hazardous Component(s) | CAS Number | Weight %* |
|---|------------|-----------|
| Silver | 7440-22-4 | 80 - 100 |
| Dihydro-3-(tetrapropenyl)furan-2,5-dione | 26544-38-7 | 1 - 5 |
| Bis(2,3-epoxypropyl) cyclohexane-1,2-dicarboxylate | 5493-45-8 | 1 - 5 |
| Fatty acids, C18-unsatd., dimers, polymers with bisphenol A and epichlorohydrin | 67989-52-0 | 1 - 5 |
| 2-(3,4-Epoxy-cyclohexyl)ethyltrimethoxysilane | 3388-04-3 | 0.1 - 1 |

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

4. FIRST AID MEASURES

First Aid Measures by likely routes of exposure

| | |
|--|--|
| Inhalation: | Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention. |
| Skin contact: | Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse. |
| Eye contact: | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention. |
| Ingestion: | DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention. |
| Most important symptoms and effects (acute and delayed): | The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information. |
| Indication of any immediate medical attention / special treatment needed: | Not available. |

5. FIRE FIGHTING MEASURES

| | |
|---|--|
| Extinguishing media: | Water spray (fog), foam, dry chemical or carbon dioxide. |
| Improper extinguishing agents: | Not available. |
| Special firefighting procedures: | Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. In case of fire, keep containers cool with water spray. |
| Unusual fire or explosion hazards: | Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. |
| Hazardous combustion products: | Oxides of carbon. Oxides of Metals in Section 3. Aldehydes. Phenolics. Toxic and irritating vapors. |

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.

| | |
|-----------------------------------|---|
| Environmental precautions: | Do not allow product to enter sewer or waterways. |
|-----------------------------------|---|

Clean-up methods:

Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a closed container until ready for disposal.

7. HANDLING AND STORAGE

Handling:

Use only with adequate ventilation. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Keep container closed.

Storage:

For safe storage, store at or below -40 °C (-40°F)
Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Keep away from heat, spark and flame. Protect from direct sunlight.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Employers should complete an assessment of all workplaces to determine the need for, and selection of, proper exposure controls and protective equipment for each task performed.

| Hazardous Component(s) | ACGIH TLV | OSHA PEL | AIHA WEEL | OTHER |
|------------------------|---------------------------------|---------------------------|-----------|-------|
| Silver | 0.1 mg/m3 TWA Dust and fume. | 0.01 mg/m3 PEL (as Ag) | None | None |

Engineering controls:

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Respiratory protection:

Use a NIOSH approved air-purifying respirator if the potential to exceed established exposure limits exists.

Eye/face protection:

Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists. Safety showers and eye wash stations should be available.

Skin protection:

Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

9. PHYSICAL AND CHEMICAL PROPERTIES

| | |
|---|-------------------------------------|
| Physical state: | Liquid |
| Color: | Silver |
| Odor: | Mild |
| Odor threshold: | Not available. |
| pH: | 4.13 |
| Vapor pressure: | Not available. |
| Boiling point/range: | Not available. |
| Melting point/ range: | Not applicable, Product is a liquid |
| Density/Relative density: | 5.6 |
| Relative vapor density: | Not available. |
| Flash point: | > 93 °C (> 199.4 °F) |
| Flammable/Explosive limits - lower: | Not available. |
| Flammable/Explosive limits - upper: | Not available. |
| Autoignition temperature: | Not available. |
| Flammability: | non flammable |
| Evaporation rate: | Not available. |
| Solubility: | Insoluble Water |
| Partition coefficient n-octanol/water (logarithmic value): | Not available. |
| VOC content: | < 1 % |
| Dynamic viscosity: | Not available. |
| Kinematic viscosity: | Not available. |
| Particle characteristics: | Not applicable, Product is a liquid |
| Decomposition temperature: | Not available. |

10. STABILITY AND REACTIVITY

| | |
|--|--|
| Stability: | Stable under normal conditions of storage and use. |
| Hazardous reactions: | None under normal processing. |
| Hazardous decomposition products: | Oxides of carbon. Oxides of Metals in Section 3. Aldehydes. Phenolics. Toxic fumes. Irritating vapors. |
| Incompatible materials: | Strong oxidizing agents. Strong acids and strong bases. Amines. Ammonia. Peroxides. |
| Reactivity: | Not available. |
| Conditions to avoid: | Keep away from heat, ignition sources and incompatible materials. Protect from direct sunlight. |

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure: Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

| | |
|----------------------|--|
| Inhalation: | Inhalation of processing fumes may be harmful. Inhalation of vapors or mists of the product may be irritating to the respiratory system. May cause an allergic respiratory reaction. |
| Skin contact: | May cause skin irritation. May cause allergic skin reaction. Argyria (a non-toxic, cosmetic blue-gray discoloration of the skin and mucous membranes that is irreversible). |
| Eye contact: | This product may cause irritation to the eyes. Redness. Tearing. |
| Ingestion: | May cause gastrointestinal tract irritation if swallowed. |

| Hazardous Component(s) | LD50s and LC50s |
|---|--|
| Silver | Oral LD50 (Rat) = > 5,000 mg/kg Dermal LD50 (Rat) = > 2,000 mg/kg Inhalation LC50 (Rat, 4 h) = 750 µg/m3 Inhalation LC50 (Rat, 4 h) = > 5.16 mg/l |
| Dihydro-3-(tetrapropenyl)furan-2,5-dione | None |
| Bis(2,3-epoxypropyl) cyclohexane-1,2-dicarboxylate | None |
| Fatty acids, C18-unsatd., dimers, polymers with bisphenol A and epichlorohydrin | None |
| 2-(3,4-Epoxy cyclohexyl)ethyltrimethoxysilane | None |

| Hazardous Component(s) | Immediate Health Effects | Delayed Health Effects | Chronic Health Effects |
|---|--------------------------|------------------------|-----------------------------|
| Silver | Irritant | Allergen | Eyes Respiratory Skin |
| Dihydro-3-(tetrapropenyl)furan-2,5-dione | Corrosive Irritant | Allergen | Respiratory |
| Bis(2,3-epoxypropyl) cyclohexane-1,2-dicarboxylate | Irritant | Allergen | |
| Fatty acids, C18-unsatd., dimers, polymers with bisphenol A and epichlorohydrin | Irritant | Allergen | |
| 2-(3,4-Epoxy cyclohexyl)ethyltrimethoxysilane | Irritant | Allergen | |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|----------------|-----------------|---|
| Silver | No | No | No |
| Dihydro-3-(tetrapropenyl)furan-2,5-dione | No | No | No |
| Bis(2,3-epoxypropyl) cyclohexane-1,2-dicarboxylate | No | No | No |
| Fatty acids, C18-unsatd., dimers, polymers with bisphenol A and epichlorohydrin | No | No | No |
| 2-(3,4-Epoxy cyclohexyl)ethyltrimethoxysilane | No | No | No |

12. ECOLOGICAL INFORMATION

Ecological information:

Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal:

Follow all local, state, federal and provincial regulations for disposal.

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any packaging.

U.S. Department of Transportation Ground (49 CFR)

Proper shipping name: RQ, Environmentally hazardous substance, liquid, n.o.s.
Hazard class or division: 9
Identification number: UN 3082
Packing group: III
DOT Hazardous Substance(s): Silver

International Air Transportation (ICAO/IATA)

Proper shipping name: RQ, Environmentally hazardous substance, liquid, n.o.s. (Silver)
Hazard class or division: 9
Identification number: UN 3082
Packing group: III

Water Transportation (IMO/IMDG)

Proper shipping name: RQ, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Silver)
Hazard class or division: 9
Identification number: UN 3082
Packing group: III
Marine pollutant: Silver

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status:

All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.
This product contains one or more components with a Polymer Exemption in accordance with 40 CFR 723.250.
This product contains one or more components with a Low Volume Exemption (LVE) in accordance with 40 CFR 723.50. Quantities may be limited.
None above reporting de minimis

TSCA 12 (b) Export Notification:

CERCLA/SARA Section 302 EHS:

CERCLA/SARA Section 311/312:

CERCLA/SARA Section 313:

None above reporting de minimis.
Please refer to the GHS classification in Section 2
This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Silver (CAS# 7440-22-4). 2-(2-butoxyethoxy)ethyl acetate (CAS# 124-17-4). Butyl diethylene glycol acetate (CAS# 124-17-4). Silver (CAS# 7440-22-4) 1,000 lbs. (454 kg)

CERCLA Reportable quantity:

California Proposition 65:

This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

Canada Regulatory Information

CEPA DSL/NDL Status:

One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: 3,4,9,11

Prepared by:

Product Safety and Regulatory Affairs

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11/18/2025

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