



Revision Number: 004.0

Issue date: 03/22/2022

1. PRODUCT AND COMPANY IDENTIFICATION

| | | | |
|---|--|---------------------|---------------|
| Product name: | LOCTITE EA 9320NA AERO PART A 6OZ KIT known as EA 9320NA PART A 6 OZ SEM KIT | IDH number: | 1054447 |
| Product type/use: | Adhesive for the Aerospace Industry | Item number: | AA9358002 |
| Restriction of Use: | None identified | Region: | United States |
| Company address: | Contact information: Telephone: +1 (860) 571-5100 MEDICAL EMERGENCY Phone: Poison Control Center 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 | | |
| Henkel Corporation One Henkel Way Rocky Hill, Connecticut 06067 | | | |

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.

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

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|-----------------|---|
| WARNING: | CAUSES SKIN IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION. |
|-----------------|---|

| HAZARD CLASS | HAZARD CATEGORY |
|--------------------|-----------------|
| SKIN IRRITATION | 2 |
| EYE IRRITATION | 2A |
| SKIN SENSITIZATION | 1 |

PICTOGRAM(S)



Precautionary Statements

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| Prevention: | Avoid breathing vapors, mist, or spray. Wash affected area thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, eye protection, and face protection. |
| Response: | IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing. |
| Storage: | Not prescribed |
| Disposal: | Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations. |

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 | Percentage* |
|------------------------|--|-------------|
| IDH number: 1054447 | Product name: LOCTITE EA 9320NA AERO PART A 6OZ KIT known as EA 9320NA PART A 6 OZ SEM KIT | |

| | | |
|--|------------|---------|
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | 25068-38-6 | 60 - 80 |
| Bisphenol A - Epichlorohydrin Polymer | 25085-99-8 | 5 - 10 |
| Silicon dioxide | 7631-86-9 | 1 - 5 |
| Glass, oxide, chemicals | 65997-17-3 | 1 - 5 |

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

4. FIRST AID MEASURES

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|----------------------------|---|
| Inhalation: | If mist or vapor of this product is inhaled, remove person immediately to fresh air. Seek medical attention if symptoms develop or persist. |
| Skin contact: | Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention. |
| Eye contact: | In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention. |
| Ingestion: | Get immediate medical attention. Do not induce vomiting. |
| Symptoms: | See Section 11. |
| Notes to physician: | Treat symptomatically and supportively. |

5. FIRE FIGHTING MEASURES

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| Extinguishing media: | Water spray (fog), foam, dry chemical or carbon dioxide. |
| Special firefighting procedures: | Wear full protective clothing. Wear self-contained breathing apparatus. |
| Unusual fire or explosion hazards: | May liberate large quantities of dense, foul-smelling smoke which may contain unidentified toxic gasses. |
| Hazardous combustion products: | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen. |

6. ACCIDENTAL RELEASE MEASURES

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

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| Environmental precautions: | Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sewer or waterways. |
| Clean-up methods: | Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations. |

7. HANDLING AND STORAGE

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| Handling: | Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Do not cut, grind, weld, or drill on or near this container. Empty containers retain product residue, so obey hazard warnings and handle empty containers as if they were full. |
| Storage: | Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. |

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 |
|--|---|---|-----------|---|
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | None | None | None | None |
| Bisphenol A - Epichlorohydrin Polymer | None | None | None | None |
| Silicon dioxide | 3 mg/m ³ TWA Respirable particles. 10 mg/m ³ TWA Inhalable particles. 6 mg/m ³ TWA | 15 MPPCF TWA Respirable fraction. 50 MPPCF TWA Total dust. 15 mg/m ³ TWA Total dust. 5 mg/m ³ TWA Respirable fraction. | None | 3 mg/m ³ TWA Respirable fraction. |
| Glass, oxide, chemicals | 10 mg/m ³ TWA Inhalable dust. 3 mg/m ³ TWA Respirable fraction. | 15 mg/m ³ TWA Total dust. 5 mg/m ³ TWA Respirable fraction. | None | None |

| | |
|--------------------------------|---|
| Engineering controls: | Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination. |
| Respiratory protection: | If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided. |
| Eye/face protection: | Wear chemical goggles; face shield (if splashing is possible). |
| Skin protection: | Wear impervious gloves for prolonged contact. Use of impervious apron and boots are recommended. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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|---|---|
| Physical state: | Liquid |
| Color: | Beige |
| Odor: | Epoxy |
| Odor threshold: | Not available. |
| pH: | Not applicable |
| Vapor pressure: | Not available. |
| Boiling point/range: | Not available. |
| Melting point/ range: | Not available. |
| Specific gravity: | Not available. |
| 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 applicable |
| Flammability: | Not applicable |
| Evaporation rate: | Not applicable |
| Solubility in water: | Not miscible or difficult to mix |
| Partition coefficient (n-octanol/water): | Not available. |
| VOC content: | < 10 g/l per SCAQMD Rule 1124 [EPA Test Method 24/304-91] (estimated) |
| Viscosity: | Not available. |
| Decomposition temperature: | Not available. |

10. STABILITY AND REACTIVITY

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|--|--|
| Stability: | Stable at normal conditions. |
| Hazardous reactions: | May occur. |
| Hazardous decomposition products: | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen. |
| Incompatible materials: | This product may react with strong acids or oxidizing agents. |
| Reactivity: | Not available. |
| Conditions to avoid: | Keep away from heat, ignition sources and incompatible materials. |

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure: Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

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|----------------------|---|
| Inhalation: | This product is irritating to the respiratory system. |
| Skin contact: | This product is irritating to the skin. This product may cause an allergic skin reaction. |
| Eye contact: | This product is irritating to the eyes. |
| Ingestion: | Not expected under normal conditions of use. |

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|--|--|--------------------------------------|
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | None | Allergen, Irritant |
| Bisphenol A - Epichlorohydrin Polymer | None | Allergen, Irritant |
| Silicon dioxide | Oral LD50 (Rat) = > 22,500 mg/kg Oral LD50 (Mouse) = > 15,000 mg/kg Inhalation LC50 (Rat, 4 h) = > 2.08 mg/l Inhalation LC50 (Rat, 4 h) = > 0.69 mg/l | Nuisance dust |
| Glass, oxide, chemicals | None | Allergen, Respiratory |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--|----------------|-----------------|--|
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | No | No | No |
| Bisphenol A - Epichlorohydrin Polymer | No | No | No |
| Silicon dioxide | No | No | No |
| Glass, oxide, chemicals | No | No | No |

12. ECOLOGICAL INFORMATION

Ecological information: Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

14. TRANSPORT INFORMATION

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

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

| | |
|----------------------------------|---------------|
| Proper shipping name: | Not regulated |
| Hazard class or division: | None |
| Identification number: | None |
| Packing group: | None |

International Air Transportation (ICAO/IATA)

Proper shipping name: Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A Epichlorhydrin resin, Bisphenol A diglycidyl ether)
Hazard class or division: 9
Identification number: UN 3082
Packing group: III

Water Transportation (IMO/IMDG)

Proper shipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol-A Epichlorhydrin resin, Bisphenol A diglycidyl ether)
Hazard class or division: 9
Identification number: UN 3082
Packing group: III
Marine pollutant: Bisphenol-A Epichlorhydrin resin, Bisphenol A diglycidyl ether
Exceptions: Classified per IMDG Amendment 34; Effective Jan 1, 2010.

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 Low Volume Exemption (LVE) in accordance with 40 CFR 723.50. Quantities may be limited.

TSCA 12 (b) Export Notification: None above reporting de minimis

CERCLA/SARA Section 302 EHS: None above reporting de minimis.
CERCLA/SARA Section 311/312: Immediate Health, Delayed Health
CERCLA/SARA Section 313: None above reporting de minimis.

California Proposition 65: This product contains a chemical known in the State of California to cause cancer.

Canada Regulatory Information

CEPA DSL/NDSL 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: 1, 8, 12, 13, 15, 16

Prepared by: Product Safety and Regulatory Affairs

Issue date: 03/22/2022

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