


Revision Number: 003.8

Issue date: 06/29/2023

1. PRODUCT AND COMPANY IDENTIFICATION

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| Product name: LOCTITE EA 9396 AERO PART A 6OZ Product type/use: Adhesive for the Aerospace Industry Restriction of Use: None identified Company address: Henkel Corporation One Henkel Way Rocky Hill, Connecticut 06067 | IDH number: 937073 Item number: AA9280312 Region: United States 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 | |
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2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

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* |
|--|-------------|-------------|
| Tetraglycidyl diaminodiphenylmethane | 28768-32-3 | 30 - 60 |
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | 25068-38-6 | 30 - 60 |
| Modified epoxy resin | Proprietary | 10 - 30 |

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

IDH number: 937073

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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: | For skin contact, flush with large amounts of water. Seek immediate 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: | DO NOT induce vomiting unless directed to do so by medical personnel. Get medical attention. |
| Symptoms: | See Section 11. |
| Notes to physician: | Treat symptomatically and supportively. |

5. FIRE FIGHTING MEASURES

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| Extinguishing media: | Use media appropriate for surrounding material. |
| Special firefighting procedures: | Wear protective equipment. Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. |
| 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: | Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing vapors or mists of this product. Do not take internally. |
| 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 |
|--|-----------|----------|-----------|-------|
| Tetraglycidyl diaminodiphenylmethane | None | None | None | None |
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | None | None | None | None |
| Modified epoxy resin | None | None | None | None |

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|--------------------------------|--|
| Engineering controls: | Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product. |
| 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: | Safety goggles or safety glasses with side shields. |
| Skin protection: | Wear impervious gloves for prolonged contact. Gloves should be tested to determine suitability for prolonged contact. Use of impervious apron and boots are recommended. |

9. PHYSICAL AND CHEMICAL PROPERTIES

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| Physical state: | Not available. |
| Color: | Not available. |
| Odor: | Not available. |
| Odor threshold: | Not available. |
| pH: | Product is non-soluble (in water)., Not applicable |
| Vapor pressure: | < 0.1 hPa (20 °C (68°F)) |
| Boiling point/range: | > 200 °C (> 392°F) |
| Melting point/ range: | Not applicable, Product is a liquid |
| Specific gravity: | 0.98 |
| Vapor density: | > 1 20 °C |
| Flash point: | > 93 °C (> 199.4 °F) |
| Flammable/Explosive limits - lower: | Not available. |
| Flammable/Explosive limits - upper: | Not available. |
| Autoignition temperature: | Not determined |
| Flammability: | Not applicable |
| Evaporation rate: | Not determined |
| Solubility in water: | Not soluble |
| Solubility in water: | Partially miscible |
| Partition coefficient (n-octanol/water): | Not available. |
| VOC content: | < 10 g/l Estimated |
| Viscosity: | Not available. |
| Decomposition temperature: | > 200 °C |

10. STABILITY AND REACTIVITY

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| Stability: | Stable under normal conditions of storage and use. |
| 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. Hydrocarbons. |
| 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. Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately. Failure to observe these precautions may result in excessive heat build-up causing an exotherm. |

11. TOXICOLOGICAL INFORMATION

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| Relevant routes of exposure: | Skin, Inhalation, Eyes |
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Potential Health Effects/Symptoms

Inhalation: May cause respiratory tract irritation.
Skin contact: This product may cause irritation to the skin. May cause sensitization by skin contact.
Eye contact: This product may cause irritation to the eyes.
Ingestion: Ingestion of this product may cause nausea, vomiting and diarrhea.

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|--|---|---|
| Tetraglycidyl diaminodiphenylmethane | Inhalation LC50 (Rat, 4 h) = > 30 mg/m3 | Allergen, Blood, Central nervous system, Gastrointestinal, Irritant, Kidney, Liver, Mutagen, Nervous System |
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | None | Allergen, Irritant |
| Modified epoxy resin | None | No Data |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--|----------------|-----------------|--|
| Tetraglycidyl diaminodiphenylmethane | No | No | No |
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | No | No | No |
| Modified epoxy resin | No | No | No |

12. ECOLOGICAL INFORMATION

Ecological information: Do not empty into drains / surface water / ground water.

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 packaging.

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. (Tetraglycidyl diaminodiphenylmethane, Bisphenol-A Epichlorohydrin resin)
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. (Tetraglycidyl diaminodiphenylmethane, Bisphenol-A Epichlorohydrin resin)
Hazard class or division: 9
Identification number: UN 3082
Packing group: III
Marine pollutant: Tetraglycidyl diaminodiphenylmethane, Bisphenol-A Epichlorohydrin resin

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.
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. 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: New Material Safety Data Sheet format.

Prepared by: Regulatory Affairs

Issue date: 06/29/2023

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