

Safety Data Sheet



Revision Number: 003.6 Issue date: 01/11/2019

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: LOCTITE EA 9396 AERO PART A GAL

known as EA 9396 PART A GALLON Adhesive for the Aerospace Industry

Product type/use:

Restriction of Use: None identified

Company address: Henkel Corporation One Henkel Way

Rocky Hill, Connecticut 06067

IDH number: 937085

AA9280018 Item number: 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

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

IDH number: 937085

Avoid breathing vapors, mist, or spray. Wash affected area thoroughly after handling. Prevention:

Contaminated work clothing should not be allowed out of the workplace. Wear protective

gloves, eye protection, and face protection.

IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several Response:

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

Product name: LOCTITE EA 9396 AERO PART A GAL known as EA 9396 PART A GALLON

Page 1 of 6

Hazardous Component(s)	CAS Num ber	Percentage*
Tetraglycidyl diaminodiphenylmethane	28768-32-3	50 - 60
Epichlorohydrin-4,4'-isopropylidene diphenol resin	25068-38-6	30 - 40
Modified epoxy resin	Unknow n	10 - 20

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

4. FIRST AID MEASURES

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

Extinguishing media: Use media appropriate for surrounding material.

Special fire fighting 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 w eight hydrocarbons. Oxides of nitrogen.

6. ACCIDENTAL RELEASE MEASURES

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

Environmental precautions: Prevent further leakage or spillage if safe to do so. Wear appropriate

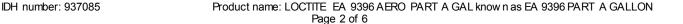
protective equipment and clothing during clean-up. Do not allow product to

enter sew er 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

Handling: Avoid contact with eyes, skin and clothing. Wash thoroughly after handling.

Avoid breathing vapors or mists of this product. Do not take internally.

Keep container tightly closed and in a cool, well-ventilated place away from Storage:

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

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.

Wear impervious gloves for prolonged contact. Gloves should be tested to Skin protection:

determine suitability for prolonged contact. Use of impervious apron and boots

are recommended.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: paste Color: blue Odor: mild

Odor threshold: Not available. pH: Neutral Vapor pressure:

Boiling point/range: Not determined Melting point/ range: Not determined

Specific gravity: 0.98 Vapor density:

> 93 °C (> 199.4 °F) Flash point: Flam mable/Explosive limits - low er: Not determined Flam mable/Explosive limits - upper: Not determined Autoignition temperature: Not determined Flam mability: Not applicable Evaporation rate: Not determined

Not miscible or difficult to mix Solubility in water:

Partition coefficient (n-octanol/water): Not determined VOC content: < 10 g/l Estimated Viscosity: Not available. Decomposition temperature: Not available.

IDH number: 937085 Product name: LOCTITE EA 9396 AERO PART A GAL known as EA 9396 PART A GALLON Page 3 of 6





10. STABILITY AND REACTIVITY

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 w eight hydrocarbons. Oxides of nitrogen. Hydrocarbons.

Incompatible materials: This product may react with strong acids or oxidizing agents.

Not available. Reactivity:

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

Relevant routes of exposure: Skin, Inhalation, Eyes

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.

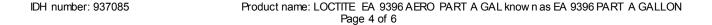
Ingestion of this product may cause nausea, vomiting and diarrhea. Ingestion:

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Tetraglycidyl diaminodiphenylmethane	None	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.

Hazardous waste number: Material, if discarded, is not expected to be a characteristic hazardous waste

under RCRA. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

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)

Propershipping name: Not regulated

Hazard class or division:NoneIdentification number:NonePacking group:None

International Air Transportation (ICAO/IATA)

Propershipping name: Environmentally hazardous substance, liquid, n.o.s. (Tetraglycidyl

diaminodiphenylmethane, Bisphenol-A Epichlorhydrin resin)

Hazard class or division: 9
Identification number: UN 3082

Packing group:

Water Transportation (IMO/IMDG)
Propershipping name: ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tetraglycidyl

diaminodiphenylmethane, Bisphenol-A Epichlorhydrin resin)

Hazard class or division: 9
Identification number: UN 3082

Packing group:

Marine pollutant: Tetraglycidyl diaminodiphenylmethane, Bisphenol-A Epichlorhydrin resin

15. REGULATORY INFORMATION

United States Regulatory Information

TSCA 8 (b) Inventory Status: All components are listed or are exempt from listing on the Toxic Substances Control Act

Inventory.

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

CERCLA/SARA Section 302 EHS: Epichlorohydrin (CAS# 106-89-8). CERCLA/SARA Section 311/312: Immediate Health, Delayed Health 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 know n to the State of California to cause birth defects or other

reproductive harm.

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.

Hazardous Materials Information

Review Act:

10742

IDH number: 937085 Product name: LOCTITE EA 9396 AERO PART A GAL known as EA 9396 PART A GALLON Page 5 of 6







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

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Product name: LOCTITE EA 9396 AERO PART A GAL known as EA 9396 PART A GALLON Page 6 of 6



IDH number: 937085



