



## Safety Data Sheet



Revision Number: 004.2

Issue date: 02/19/2019

### 1. PRODUCT AND COMPANY IDENTIFICATION

|                               |  |                     |               |
|-------------------------------|--|---------------------|---------------|
| <b>Product name:</b>          | <b>LOCTITE EA 9359.3 AERO PART A QT</b>        | <b>IDH number:</b>  | 937137        |
|                               | <b>known as EA 9359.3 PART A QUART</b>         |                     |               |
| <b>Product type/use:</b>      | Adhesive for the Aerospace Industry            | <b>Item number:</b> | AA9318016     |
| <b>Restriction of Use:</b>    | None identified                                | <b>Region:</b>      | United States |
| <b>Company address:</b>       | <b>Contact information:</b>                    |                     |               |
| 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                     |                     |               |

### 2. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

**WARNING:** CAUSES SKIN IRRITATION.  
MAY CAUSE AN ALLERGIC SKIN REACTION.  
CAUSES SERIOUS EYE IRRITATION.  
SUSPECTED OF CAUSING GENETIC DEFECTS.

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

#### PICTOGRAM(S)



#### Precautionary Statements

|                    |  |
|--------------------|--|
| <b>Prevention:</b> | Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing dust or fumes. Wash affected area thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, clothing, eye and face protection.                                     |
| <b>Response:</b>   | 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 exposed or concerned: Get medical attention. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing. |
| <b>Storage:</b>    | Store locked up.   |
| <b>Disposal:</b>   | 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* |
|--|------------|-------------|
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | 25068-38-6 | 50 - 60     |
| Triglycidyl-p-aminophenol                          | 5026-74-4  | 10 - 20     |
| Glass, oxide, chemicals                            | 65997-17-3 | 1 - 5       |
| Treated fumed silica                               | 67762-90-7 | 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

|                      |   |
|----------------------|---|
| <b>Inhalation:</b>   | Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention. |
| <b>Skin contact:</b> | Remove contaminated clothing and footwear. Wash with soap and water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.         |
| <b>Eye contact:</b>  | In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.                                    |
| <b>Ingestion:</b>    | DO NOT induce vomiting unless directed to do so by medical personnel. If symptoms develop and persist, get medical attention.                                     |
| <b>Symptoms:</b>     | See Section 11.   |

### 5. FIRE FIGHTING MEASURES

|   |  |
|---|--|
| <b>Extinguishing media:</b>               | Water spray (fog), foam, dry chemical or carbon dioxide.   |
| <b>Special fire fighting procedures:</b>  | Wear full protective clothing. Wear self-contained breathing apparatus.  |
| <b>Unusual fire or explosion hazards:</b> | May liberate large quantities of dense, foul-smelling smoke which may contain unidentified toxic gasses.                             |
| <b>Hazardous combustion products:</b>     | 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.

|                                   |   |
|-----------------------------------|---|
| <b>Environmental precautions:</b> | 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. |
| <b>Clean-up methods:</b>          | Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations.       |

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## 7. HANDLING AND STORAGE

**Handling:**

For the Part A plus Part B adhesive mixture, follow curing schedule as recommended in product literature. Empty containers retain product residue, so obey hazard warnings and handle empty containers as if they were full. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. For industrial use only.

**Storage:**

For safe storage, store at or below 25 °C (77°F). Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Keep away from heat, spark and flame.

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  |
| Triglycidyl-p-aminophenol                          | None   | None   | None      | None  |
| Glass, oxide, chemicals                            | 10 mg/m <sup>3</sup> TWA<br>Inhalable dust.<br>3 mg/m <sup>3</sup> TWA<br>Respirable fraction. | 15 mg/m <sup>3</sup> TWA Total<br>dust.<br>5 mg/m <sup>3</sup> TWA<br>Respirable fraction. | None      | None  |
| Treated fumed silica                               | 10 mg/m <sup>3</sup> TWA<br>Inhalable dust.<br>3 mg/m <sup>3</sup> TWA<br>Respirable fraction. | 15 mg/m <sup>3</sup> TWA Total<br>dust.<br>5 mg/m <sup>3</sup> TWA<br>Respirable fraction. | None      | None  |

**Engineering controls:**

Ventilation should effectively remove and prevent buildup of any dust generated from the handling of this product.

**Respiratory protection:**

When dusts or thermal processing fumes are generated and ventilation is not sufficient to effectively remove them, appropriate NIOSH/MSHA approved respiratory protection must be provided.

**Eye/face protection:**

Safety goggles or safety glasses with side shields.

**Skin protection:**

Wear impervious gloves for prolonged contact. Use of impervious apron and boots are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|  |                                  |
|--|----------------------------------|
| Physical state:                          | Paste                            |
| Color:                                   | Yellow                           |
| Odor:                                    | Slight                           |
| Odor threshold:                          | Not available.                   |
| pH:                                      | Neutral                          |
| Vapor pressure:                          | Negligible                       |
| Boiling point/range:                     | Not determined                   |
| Melting point/range:                     | Not determined                   |
| Specific gravity:                        | 1.16                             |
| Vapor density:                           | > 1                              |
| Flash point:                             | > 93 °C (> 199.4 °F) ; Estimated |
| Flammable/Explosive limits - lower:      | Not determined                   |
| Flammable/Explosive limits - upper:      | Not determined                   |
| Autoignition temperature:                | Not determined                   |
| Flammability:                            | Not applicable                   |
| Evaporation rate:                        | Not determined                   |
| Solubility in water:                     | Negligible                       |
| Partition coefficient (n-octanol/water): | Not determined                   |



**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

**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:** Keep away from strong oxidizing agents, strong Lewis or mineral acids.

**Reactivity:** Not available.

**Conditions to avoid:** Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately. Do not heat mixed adhesive 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:** This product may cause slight irritation to the respiratory system.

**Skin contact:** Prolonged and/or repeated skin contact with this product may cause irritation. This product may cause an allergic skin reaction.

**Eye contact:** This product may cause irritation to the eyes.

**Ingestion:** Low toxicity. Ingestion of large amounts may produce gastrointestinal disturbances including irritation, nausea, and diarrhea.

| Hazardous Component(s)                             | LD50s and LC50s | Immediate and Delayed Health Effects |
|--|-----------------|--------------------------------------|
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | None            | Allergen, Irritant                   |
| Triglycidyl-p-aminophenol                          | None            | Allergen, Irritant, Mutagen          |
| Glass, oxide, chemicals                            | None            | Allergen, Respiratory                |
| Treated fumed silica                               | None            | Irritant                             |

| Hazardous Component(s)                             | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--|----------------|-----------------|--|
| Epichlorohydrin-4,4'-isopropylidene diphenol resin | No             | No              | No                                       |
| Triglycidyl-p-aminophenol                          | No             | No              | No                                       |
| Glass, oxide, chemicals                            | No             | No              | No                                       |
| Treated fumed silica                               | 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.

**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)

**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, solid, n.o.s. (Bisphenol-A Epichlorhydrin resin, Triglycidyl-p-aminophenol)  
**Hazard class or division:** 9  
**Identification number:** UN 3077  
**Packing group:** III

#### Water Transportation (IMO/IMDG)

**Proper shipping name:** ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol-A Epichlorhydrin resin, Triglycidyl-p-aminophenol)  
**Hazard class or division:** 9  
**Identification number:** UN 3077  
**Packing group:** III  
**Marine pollutant:** Bisphenol-A Epichlorhydrin resin, Triglycidyl-p-aminophenol

### 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:** Triglycidyl-p-aminophenol (CAS# 5026-74-4).

**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:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

### 16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.

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