



Revision Number: 003.0

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**1. PRODUCT AND COMPANY IDENTIFICATION**

|                            |  |                             |  |
|----------------------------|--|-----------------------------|--|
| <b>Product name:</b>       | <b>LOCTITE EA 9696 030NW AERO<br/>known as HYSOL EA 9696 .030 PSF<br/>NW</b> | <b>IDH number:</b>          | 475194   |
| <b>Product type:</b>       | Adhesive for the Aerospace Industry  | <b>Item number:</b>         | AT9330512  |
| <b>Restriction of Use:</b> | None identified  | <b>Region:</b>              | United States  |
| <b>Company address:</b>    | Henkel Corporation<br>One Henkel Way<br>Rocky Hill, Connecticut 06067        | <b>Contact information:</b> | Telephone: (860) 571-5100<br>MEDICAL EMERGENCY Phone: Poison Control Center<br>1-877-671-4608 (toll free) or 1-303-592-1711<br>TRANSPORT EMERGENCY Phone: CHEMTREC<br>1-800-424-9300 (toll free) or 1-703-527-3887<br>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**

|                    |   |
|--------------------|---|
| <b>Prevention:</b> | Avoid breathing dust or fumes. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye and face protection. Wear protective gloves.   |
| <b>Response:</b>   | IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing. |
| <b>Storage:</b>    | Not prescribed  |
| <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* |
|------------------------|-------------|-------------|
| Modified epoxy resin   | Proprietary | 30 - 60     |
| Epoxy resin            | Proprietary | 30 - 60     |
| Modified epoxy resin   | Proprietary | 1 - 5       |
| Epoxy resin            | Proprietary | 1 - 5       |
| Guanidine derivative   | Proprietary | 1 - 5       |

\* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

#### 4. FIRST AID MEASURES

|                            |  |
|----------------------------|--|
| <b>Inhalation:</b>         | If inhaled, immediately remove the affected person to fresh air. If symptoms develop and persist, get medical attention.                       |
| <b>Skin contact:</b>       | Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention.                                  |
| <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>          | Get immediate medical attention. Do not induce vomiting. Never give anything by mouth to a victim who is unconscious or is having convulsions. |
| <b>Symptoms:</b>           | See Section 11.  |
| <b>Notes to physician:</b> | Treat symptomatically and supportively.  |

#### 5. FIRE FIGHTING MEASURES

|   |  |
|---|--|
| <b>Extinguishing media:</b>               | Water spray (fog), foam, dry chemical or carbon dioxide.   |
| <b>Special firefighting 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>          | Scrape up spilled material and place in a closed container for disposal. Dispose of according to Federal, State and local governmental regulations.                         |

#### 7. HANDLING AND STORAGE

|                  |   |
|------------------|---|
| <b>Handling:</b> | Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Do not breathe fumes or dust from this material. For industrial use only. |
| <b>Storage:</b>  | 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 |
|------------------------|-----------|----------|-----------|-------|
| Modified epoxy resin   | None      | None     | None      | None  |
| Epoxy resin            | None      | None     | None      | None  |
| Modified epoxy resin   | None      | None     | None      | None  |
| Epoxy resin            | None      | None     | None      | None  |
| Guanidine derivative   | None      | None     | None      | None  |

|                                |   |
|--------------------------------|---|
| <b>Engineering controls:</b>   | Ventilation should effectively remove and prevent buildup of any dust generated from the handling of this product.  |
| <b>Respiratory protection:</b> | 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. |
| <b>Eye/face protection:</b>    | Wear safety glasses; chemical goggles (if splashing is possible).   |
| <b>Skin protection:</b>        | Wear impervious gloves for prolonged contact. Use of impervious apron and boots are recommended.  |

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |   |
|---|---|
| <b>Physical state:</b>                          | Solid   |
| <b>Color:</b>                                   | Green   |
| <b>Odor:</b>                                    | Slight  |
| <b>Odor threshold:</b>                          | Not available.  |
| <b>pH:</b>                                      | Not available.  |
| <b>Vapor pressure:</b>                          | Nil   |
| <b>Boiling point/range:</b>                     | Not determined  |
| <b>Melting point/ range:</b>                    | Not determined  |
| <b>Specific gravity:</b>                        | Not applicable  |
| <b>Vapor density:</b>                           | > 1   |
| <b>Flash point:</b>                             | > 93 °C (> 199.4 °F)  |
| <b>Flammable/Explosive limits - lower:</b>      | Not determined  |
| <b>Flammable/Explosive limits - upper:</b>      | Not determined  |
| <b>Autoignition temperature:</b>                | Not determined  |
| <b>Evaporation rate:</b>                        | Not determined  |
| <b>Solubility in water:</b>                     | Negligible  |
| <b>Partition coefficient (n-octanol/water):</b> | Not determined  |
| <b>VOC content:</b>                             | < 10 g/l per SCAQMD Rule 1124 [EPA Test Method 24/304-91] (estimated) |
| <b>Viscosity:</b>                               | Not available.  |
| <b>Decomposition temperature:</b>               | Not available.  |

## 10. STABILITY AND REACTIVITY

|  |   |
|--|---|
| <b>Stability:</b>                        | Stable at normal conditions.  |
| <b>Hazardous reactions:</b>              | May occur.  |
| <b>Hazardous decomposition products:</b> | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen.  |
| <b>Incompatible materials:</b>           | Keep away from strong oxidizing agents, strong Lewis or mineral acids.  |
| <b>Reactivity:</b>                       | Not available.  |
| <b>Conditions to avoid:</b>              | Keep away from heat, ignition sources and incompatible materials. Avoid heating masses of film greater than 1 pound (0.454 kg) total. 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 allergic skin reaction.  
**Eye contact:** This product may cause irritation to the eyes.  
**Ingestion:** Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

| Hazardous Component(s) | LD50s and LC50s   | Immediate and Delayed Health Effects                              |
|------------------------|---|---|
| Modified epoxy resin   | None  | No Data   |
| Epoxy resin            | None  | Allergen, Irritant  |
| Modified epoxy resin   | None  | No Data   |
| Epoxy resin            | Oral LD50 (RABBIT) = 1,980 mg/kg<br>Oral LD50 (RAT) = > 1,000 mg/kg<br>Dermal LD50 (RABBIT) = 20 mg/kg<br>Dermal LD50 (RAT) = > 1,600 mg/kg | Allergen, Central nervous system, Irritant,<br>Liver, Respiratory |
| Guanidine derivative   | None  | Allergen, Central nervous system, Eyes,<br>Irritant               |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen<br>(Specifically Regulated) |
|------------------------|----------------|-----------------|---|
| Modified epoxy resin   | No             | No              | No  |
| Epoxy resin            | No             | No              | No  |
| Modified epoxy resin   | No             | No              | No  |
| Epoxy resin            | No             | No              | No  |
| Guanidine derivative   | No             | No              | No  |

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Harmful to aquatic organisms.

## 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.

## 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:** Not regulated  
**Hazard class or division:** None  
**Identification number:** None  
**Packing group:** None

**Water Transportation (IMO/IMDG)**

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

**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:** 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/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:** New Material Safety Data Sheet format.

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