



Revision Number: 006.1

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**1. IDENTIFICATION**

**Product name:** LOCTITE EA 9340 B HARDENER  
**known as HYSOL 9340 EPK 2.7OZ KT HARD**

**IDH number:** 702138

**Product type/ Recommended use:** Part B of 2-Component Epoxy Adhesive.

**Item number:** 83104\_AB1052

**Restriction of Use:** None identified

**Region:** Canada

**Company address:**  
 Henkel Canada Corporation  
 Meadowpine Boulevard 2515  
 Mississauga, Ontario L5N 6C3

**Contact information:**  
 Telephone: +1 (905) 814-6511  
 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  
 MEDICAL EMERGENCY Phone: Poison Control Center  
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 TRANSPORT EMERGENCY Phone: CHEMTREC  
 1-800-424-9300 (toll free) or 1-703-527-3887  
 Internet: www.henkelna.com

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

**DANGER:** H314 - CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.  
 H317 - MAY CAUSE AN ALLERGIC SKIN REACTION.  
 H334 - MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING DIFFICULTIES IF INHALED.  
 H335 - MAY CAUSE RESPIRATORY IRRITATION.  
 H350 - MAY CAUSE CANCER.

| HAZARD CLASS                                     | HAZARD CATEGORY |
|--|-----------------|
| SKIN CORROSION                                   | 1               |
| SERIOUS EYE DAMAGE                               | 1               |
| RESPIRATORY SENSITIZATION                        | 1               |
| SKIN SENSITIZATION                               | 1               |
| CARCINOGENICITY                                  | 1A              |
| SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE | 3               |

**PICTOGRAM(S)**



**Precautionary Statements**

**Prevention:** P201 - Obtain special instructions before use.  
 P202 - Do not handle until all safety precautions have been read and understood.  
 P260 - Do not breathe vapors, mist, or spray.  
 P264 - Wash affected area thoroughly after handling.  
 P271 - Use only outdoors or in a well-ventilated area.

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**Response:**

P272 - Contaminated work clothing should not be allowed out of the workplace.  
 P280 - Wear protective gloves, clothing, eye and face protection.  
 P284 - [In case of inadequate ventilation] wear respiratory protection.  
 P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing.  
 P304+P340+P310 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P308+P313 - IF exposed or concerned: Get medical attention.  
 P333+P313 - If skin irritation or rash occurs: Get medical attention.  
 P342+P311 - If experiencing respiratory symptoms: Call a poison center or physician.  
 P362+P364 - Take off contaminated clothing and wash it before reuse.  
 P403+P233 - Store in a well-ventilated place. Keep container tightly closed.  
 P405 - Store locked up.  
 P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

**Storage:****Disposal:**

**Other hazards** Not available.

Classification complies with Canadian Hazardous Products Regulations and is consistent with the provision 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  | Weight %* |
|---|-------------|-----------|
| Fatty acids, C18 unsaturated, dimers, polymers with tall oil fatty acids and triethylenetetramine | 68082-29-1  | 30 - 60   |
| Talc  | 14807-96-6  | 30 - 60   |
| Amines, polyethylenepoly-, triethylenetetramine fraction  | 90640-67-8  | 1 - 5     |
| Silica, amorphous, fumed, cryst.-free   | 112945-52-5 | 1 - 5     |
| 1-methylimidazole   | 616-47-7    | 1 - 5     |
| Diethylenetriamine  | 111-40-0    | 1 - 5     |
| Quartz (SiO <sub>2</sub> ), <1% respirable  | 14808-60-7  | 0.1 - 1   |

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

### 4. FIRST AID MEASURES

**First Aid Measures by likely routes of exposure**

**Inhalation:** Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.

**Skin contact:** Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

**Eye contact:** Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.

**Ingestion:** DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get immediate medical attention.

**Most important symptoms and effects (acute and delayed):** The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.

**Indication of any immediate medical attention / special treatment needed:** Not available.

## 5. FIRE FIGHTING MEASURES

**Extinguishing media:** Water spray (fog), foam, dry chemical or carbon dioxide.

**Improper extinguishing agents:** Not available.

**Special firefighting procedures:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

**Unusual fire or explosion hazards:** In case of fire, keep containers cool with water spray.

**Hazardous combustion products:** Oxides of carbon. Oxides of nitrogen. Irritating vapors.

## 6. ACCIDENTAL RELEASE MEASURES

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

**Environmental precautions:** Do not allow product to enter sewer or waterways.

**Clean-up methods:** Ensure adequate ventilation. Wear appropriate personal protective equipment. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up spilled material and place in a closed container for disposal.

## 7. HANDLING AND STORAGE

**Handling:** Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation. Keep container closed.

**Storage:** Store in original container until ready to use. Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

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  |
|---------------------------------------|---|---|-----------|--------|
| Talc                                  | 2 mg/m3 TWA<br>Respirable fraction.   | 0.1 mg/m3 TWA<br>Respirable<br>20 MPPCF TWA<br>2.4 MPPCF TWA<br>Respirable  | None      | 50 ppm |
| Silica, amorphous, fumed, cryst.-free | 3 mg/m3 TWA<br>Respirable<br>particles.<br>10 mg/m3 TWA<br>Inhalable particles. | 20 MPPCF TWA<br>0.8 mg/m3 TWA<br>50 MPPCF TWA<br>Total dust.<br>5 mg/m3 TWA<br>Respirable fraction.<br>15 mg/m3 TWA<br>Total dust.<br>15 MPPCF TWA<br>Respirable fraction.                                      | None      | None   |
| Diethylenetriamine                    | 1 ppm TWA<br>(SKIN)   | None  | None      | None   |
| Quartz (SiO2), <1% respirable         | 0.025 mg/m3 TWA<br>Respirable fraction.   | 0.05 mg/m3 TWA<br>(Respirable dust.)<br>(Respirable dust.)<br>0.025 mg/m3<br>OSHA_ACT<br>(Respirable dust.)<br>0.05 mg/m3 PEL<br>Respirable dust.<br>2.4 MPPCF TWA<br>Respirable<br>0.1 mg/m3 TWA<br>Respirable | None      | None   |

**Engineering controls:**

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

**Respiratory protection:**

Use a NIOSH approved air-purifying respirator if the potential to exceed established exposure limits exists.

**Eye/face protection:**

Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists.

**Skin protection:**

Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|   |  |
|---|--|
| <b>Physical state:</b>  | Viscous, Liquid  |
| <b>Color:</b>   | Green, Gray / Grey, Brown                                    |
| <b>Odor:</b>  | Strong, Ammoniacal   |
| <b>Odor threshold:</b>  | Not available.   |
| <b>pH:</b>  | Not applicable   |
| <b>Vapor pressure:</b>  | 1 mm hg (20 °C (68°F))                                       |
| <b>Boiling point/range:</b>                                       | 206.6 °C (403.9 °F)  |
| <b>Melting point/ range:</b>                                      | Not available.   |
| <b>Density/Relative density:</b>                                  | 1.35   |
| <b>Relative vapor density:</b>                                    | 3.5  |
| <b>Flash point:</b>   | 102 °C (215.6 °F)  |
| <b>Flammable/Explosive limits - lower:</b>                        | Not available.   |
| <b>Flammable/Explosive limits - upper:</b>                        | Not available.   |
| <b>Autoignition temperature:</b>                                  | Not available.   |
| <b>Flammability:</b>  | Not applicable   |
| <b>Evaporation rate:</b>  | Not available.   |
| <b>Solubility:</b>  | Not miscible or difficult to mix Water                       |
| <b>Partition coefficient n-octanol/water (logarithmic value):</b> | Not available.   |
| <b>VOC content:</b>   | < 0.05 % (value for resin and hardener together) (estimated) |

|                                   |                |
|-----------------------------------|----------------|
| <b>Dynamic viscosity:</b>         | Not available. |
| <b>Kinematic viscosity:</b>       | Not available. |
| <b>Particle characteristics:</b>  | Not available. |
| <b>Decomposition temperature:</b> | Not available. |

## 10. STABILITY AND REACTIVITY

|  |  |
|--|--|
| <b>Stability:</b>                        | Stable under normal conditions of storage and use.       |
| <b>Hazardous reactions:</b>              | None under normal processing.                            |
| <b>Hazardous decomposition products:</b> | Oxides of carbon. Oxides of nitrogen. Irritating vapors. |
| <b>Incompatible materials:</b>           | Strong acids. Strong oxidizing agents.                   |
| <b>Reactivity:</b>                       | Not available.   |
| <b>Conditions to avoid:</b>              | Excessive heat. Store away from incompatible materials.  |

## 11. TOXICOLOGICAL INFORMATION

|                                   |                                   |
|-----------------------------------|-----------------------------------|
| <b>Likely routes of exposure:</b> | Skin, Inhalation, Eyes, Ingestion |
|-----------------------------------|-----------------------------------|

**Potential Health Effects/Symptoms**

**Inhalation:** Mists, vapors or liquid may cause severe irritation or burns. May cause respiratory tract irritation. Coughing. May irritate the nose and respiratory system.  
**Skin contact:** Causes skin irritation. May cause allergic skin reaction.  
**Eye contact:** Causes serious eye damage.  
**Ingestion:** May cause gastrointestinal tract irritation if swallowed. Nausea. Vomiting.

| Hazardous Component(s)  | LD50s and LC50s   |
|---|---|
| Fatty acids, C18 unsaturated, dimers, polymers with tall oil fatty acids and triethylenetetramine | None  |
| Talc  | None  |
| Amines, polyethylenepoly-, triethylenetetramine fraction  | None  |
| Silica, amorphous, fumed, cryst.-free   | None  |
| 1-methylimidazole   | None  |
| Diethylenetriamine  | Oral LD50 (Rat) Approximate 1,140 mg/kg<br>Oral LD50 (Rat) = 1,080 mg/kg<br>Oral LD50 (Rat) = 2.33 g/kg |
| Quartz (SiO2), <1% respirable   | None  |

| Hazardous Component(s)  | Immediate Health Effects | Delayed Health Effects | Chronic Health Effects                                     |
|---|--------------------------|------------------------|--|
| Fatty acids, C18 unsaturated, dimers, polymers with tall oil fatty acids and triethylenetetramine |                          |                        |  |
| Talc  | Irritant                 |                        | Lung<br>Some evidence of carcinogenicity                   |
| Amines, polyethylenepoly-, triethylenetetramine fraction  |                          |                        |  |
| Silica, amorphous, fumed, cryst.-free   |                          |                        |  |
| 1-methylimidazole   |                          | Allergen               | Developmental<br>Gastrointestinal<br>Liver<br>Reproductive |
| Diethylenetriamine  | Irritant                 | Allergen               | Eyes   |
| Quartz (SiO2), <1% respirable   |                          |                        | Immune system<br>Lung<br>Some evidence of carcinogenicity  |

| Hazardous Component(s)  | NTP Carcinogen                | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|-------------------------------|-----------------|--|
| Fatty acids, C18 unsaturated, dimers, polymers with tall oil fatty acids and triethylenetetramine | No                            | No              | No                                       |
| Talc  | No                            | Group 2A        | No                                       |
| Amines, polyethylenepoly-, triethylenetetramine fraction  | No                            | No              | No                                       |
| Silica, amorphous, fumed, cryst.-free   | No                            | No              | No                                       |
| 1-methylimidazole   | No                            | No              | No                                       |
| Diethylenetriamine  | No                            | No              | No                                       |
| Quartz (SiO2), <1% respirable   | Known To Be Human Carcinogen. | Group 1         | Yes                                      |

**12. ECOLOGICAL INFORMATION**

**Ecological information:** Not available.

### 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

**Recommended method of disposal:** Follow all local, state, federal and provincial regulations for disposal.

### 14. TRANSPORT INFORMATION

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

#### Canada Transportation of Dangerous Goods - Ground

**Proper shipping name:** AMINES, LIQUID, CORROSIVE, N.O.S. (Triethylenetetramine, Diethylenetriamine)  
**Hazard class or division:** 8  
**Identification number:** UN 2735  
**Packing group:** III

#### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Amines, liquid, corrosive, n.o.s. (Triethylenetetramine, Diethylenetriamine)  
**Hazard class or division:** 8  
**Identification number:** UN 2735  
**Packing group:** III

#### Water Transportation (IMO/IMDG)

**Proper shipping name:** AMINES, LIQUID, CORROSIVE, N.O.S. (Triethylenetetramine, Diethylenetriamine, C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer)  
**Hazard class or division:** 8  
**Identification number:** UN 2735  
**Packing group:** III  
**Marine pollutant:** C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer

### 15. REGULATORY INFORMATION

#### Canada Regulatory Information

**CEPA DSL/NDL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

#### 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.

### 16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format. 2, 3, 8, 11

**Prepared by:** Product Safety and Regulatory Affairs

**Issue date:** 10/17/2025

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