



Revision Number: 004.0

Issue date: 02/23/2024

**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** LePage Marine Epoxy 25ml Resin  
**Product type/use:** Epoxy resin 2-Component epoxy adhesive

**IDH number:** 1442483  
**Item number:** 1880793\_1442483

**Restriction of Use:** None identified

**Region:** United States

**Company address:**  
Henkel Corporation  
One Henkel Way  
Rocky Hill, Connecticut 06067

**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.  
MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

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

**PICTOGRAM(S)****Precautionary Statements**

**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* |
|--------------------------------------------|-------------|-------------|
| Epoxy resin                                | Proprietary | 60 - 70     |
| Quartz (SiO <sub>2</sub> ), <1% respirable | 14808-60-7  | 20 - 30     |

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|                    |             |         |
|--------------------|-------------|---------|
| Calcium carbonate  | 471-34-1    | 5 - 10  |
| Limestone          | 1317-65-3   | 1 - 5   |
| Substituted silane | Proprietary | 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

|                            |                                                                                                                                                                            |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <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. Immediately flush skin with plenty of water (using soap, if available). If symptoms develop and persist, get medical attention. |
| <b>Eye contact:</b>        | Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.                                                                                |
| <b>Ingestion:</b>          | DO NOT induce vomiting unless directed to do so by medical personnel. Get immediate medical attention.                                                                     |
| <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 self-contained breathing apparatus and full protective clothing, such as turn-out gear. In case of fire, keep containers cool with water spray. |
| <b>Unusual fire or explosion hazards:</b> | Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.                                                            |
| <b>Hazardous combustion products:</b>     | Oxides of carbon. Acids. Irritating vapors. Toxic fumes.                                                                                             |

## 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> | Do not allow product to enter sewer or waterways.                                                                                                                                                                                                                                                                                            |
| <b>Clean-up methods:</b>          | 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

|                  |                                                                                                                                                                         |
|------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling:</b> | 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. |
| <b>Storage:</b>  | Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use. Protect from direct sunlight.            |

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

## 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 |
|--------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-------|
| Epoxy resin                                | None                                                                                                                                            | None                                                                                                                                                                                                                                                                                                                                                          | None      | None  |
| Quartz (SiO <sub>2</sub> ), <1% respirable | 0.025 mg/m <sup>3</sup> TWA<br>Respirable fraction.                                                                                             | 0.05 mg/m <sup>3</sup> TWA<br>(Respirable dust.)<br>(Respirable dust.)<br>0.025 mg/m <sup>3</sup><br>OSHA ACT<br>(Respirable dust.)<br>0.05 mg/m <sup>3</sup> PEL<br>Respirable dust.<br>2.4 MPPCF TWA<br>Respirable.<br>0.1 mg/m <sup>3</sup> TWA<br>Respirable.                                                                                             | None      | None  |
| Calcium carbonate                          | 10 mg/m <sup>3</sup> TWA Total<br>dust.<br>3 mg/m <sup>3</sup> TWA<br>Respirable particles.<br>10 mg/m <sup>3</sup> TWA<br>Inhalable particles. | 15 mg/m <sup>3</sup> PEL Total<br>dust.<br>5 mg/m <sup>3</sup> PEL<br>Respirable fraction.<br>15 mg/m <sup>3</sup> TWA Total<br>dust.<br>50 MPPCF TWA<br>Total dust.<br>15 MPPCF TWA<br>Respirable fraction.<br>5 mg/m <sup>3</sup> TWA<br>Respirable fraction.<br>15 mg/m <sup>3</sup> PEL Total<br>dust.<br>5 mg/m <sup>3</sup> PEL<br>Respirable fraction. | None      | None  |
| Limestone                                  | 10 mg/m <sup>3</sup> TWA<br>Inhalable particles.<br>3 mg/m <sup>3</sup> TWA<br>Respirable particles.<br>10 mg/m <sup>3</sup> TWA Total<br>dust. | 5 mg/m <sup>3</sup> PEL<br>Respirable fraction.<br>15 mg/m <sup>3</sup> PEL Total<br>dust.<br>5 mg/m <sup>3</sup> TWA<br>Respirable fraction.<br>50 MPPCF TWA<br>Total dust.<br>15 mg/m <sup>3</sup> TWA Total<br>dust.<br>15 MPPCF TWA<br>Respirable fraction.                                                                                               | None      | None  |
| Substituted silane                         | None                                                                                                                                            | None                                                                                                                                                                                                                                                                                                                                                          | None      | None  |

### Engineering controls:

Use local exhaust ventilation if the potential for airborne exposure exists.

### Respiratory protection:

Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

### Eye/face protection:

Safety goggles or safety glasses with side shields.

### Skin protection:

Chemical resistant, impermeable gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                     |                                                    |
|-------------------------------------|----------------------------------------------------|
| Physical state:                     | Liquid                                             |
| Color:                              | Tan                                                |
| Odor:                               | Epoxy                                              |
| Odor threshold:                     | Not available.                                     |
| pH:                                 | Not applicable, Product is non-soluble (in water). |
| Vapor pressure:                     | 0.0000001 Pa (20 °C (68°F))                        |
| Boiling point/range:                | > 300 °C (> 572°F)                                 |
| Melting point/ range:               | Not applicable, Product is a liquid                |
| Vapor density:                      | > 1 20 °C                                          |
| Flash point:                        | > 200 °C (> 392°F)                                 |
| Flammable/Explosive limits - lower: | Not available.                                     |
| Flammable/Explosive limits - upper: | Not available.                                     |

|                                                 |                               |
|-------------------------------------------------|-------------------------------|
| <b>Autoignition temperature:</b>                | Not available.                |
| <b>Flammability:</b>                            | The product is not flammable. |
| <b>Evaporation rate:</b>                        | Not available.                |
| <b>Solubility in water:</b>                     | Insoluble                     |
| <b>Solubility in water:</b>                     | Insoluble                     |
| <b>Partition coefficient (n-octanol/water):</b> | Not available.                |
| <b>VOC content:</b>                             | 0.42 %                        |
| <b>Viscosity:</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> | Not available.                                        |
| <b>Incompatible materials:</b>           | Acids. Strong bases. Strong oxidizing agents. Amines. |
| <b>Reactivity:</b>                       | Not available.                                        |
| <b>Conditions to avoid:</b>              | Store away from incompatible materials.               |

## 11. TOXICOLOGICAL INFORMATION

**Relevant routes of exposure:** Skin, Inhalation, Eyes

### Potential Health Effects/Symptoms

|                      |                                                                                                                                                                                                                                     |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation:</b>   | Mild respiratory tract irritation. Abrasion of cured material such as by sanding or grinding could release respirable particles of silica quartz, a cancer hazard by inhalation. Normal use of this product causes no such release. |
| <b>Skin contact:</b> | May cause allergic skin reaction. Moderate skin irritation. Itching. Redness.                                                                                                                                                       |
| <b>Eye contact:</b>  | Moderate eye irritation. Excess tearing.                                                                                                                                                                                            |
| <b>Ingestion:</b>    | Not expected under normal conditions of use.                                                                                                                                                                                        |

| Hazardous Component(s)                     | LD50s and LC50s                                                                                           | Immediate and Delayed Health Effects                  |
|--------------------------------------------|-----------------------------------------------------------------------------------------------------------|-------------------------------------------------------|
| Epoxy resin                                | None                                                                                                      | Allergen, Irritant                                    |
| Quartz (SiO <sub>2</sub> ), <1% respirable | None                                                                                                      | Immune system, Lung, Some evidence of carcinogenicity |
| Calcium carbonate                          | Oral LD50 (Rat) = 6,450 mg/kg<br>Oral LD50 (Mouse) = 6,450 mg/kg<br>Inhalation LC50 (Rat, 4 h) = > 3 mg/l | Nuisance dust                                         |
| Limestone                                  | None                                                                                                      | Nuisance dust                                         |
| Substituted silane                         | Inhalation LC50 (Rat, 4 h) = > 5.3 mg/l                                                                   | Allergen, Irritant                                    |

| Hazardous Component(s)                     | NTP Carcinogen                | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|--------------------------------------------|-------------------------------|-----------------|------------------------------------------|
| Epoxy resin                                | No                            | No              | No                                       |
| Quartz (SiO <sub>2</sub> ), <1% respirable | Known To Be Human Carcinogen. | Group 1         | Yes                                      |
| Calcium carbonate                          | No                            | No              | No                                       |
| Limestone                                  | No                            | No              | No                                       |
| Substituted silane                         | 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:** 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.

#### U.S. Department of Transportation Ground (49 CFR)

|                                  |               |
|----------------------------------|---------------|
| <b>Proper shipping name:</b>     | Not regulated |
| <b>Hazard class or division:</b> | None          |
| <b>Identification number:</b>    | None          |
| <b>Packing group:</b>            | None          |

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

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| <b>Proper shipping name:</b>     | Environmentally hazardous substance, liquid, n.o.s. (Epoxy resin) |
| <b>Hazard class or division:</b> | 9                                                                 |
| <b>Identification number:</b>    | UN 3082                                                           |
| <b>Packing group:</b>            | III                                                               |

#### Water Transportation (IMO/IMDG)

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| <b>Proper shipping name:</b>     | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy resin) |
| <b>Hazard class or division:</b> | 9                                                                 |
| <b>Identification number:</b>    | UN 3082                                                           |
| <b>Packing group:</b>            | III                                                               |
| <b>Marine pollutant:</b>         | Epoxy resin                                                       |

### 15. REGULATORY INFORMATION

#### United States Regulatory Information

|                                         |                                                                                                                                                                                                         |
|-----------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>TSCA 8 (b) Inventory Status:</b>     | All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.                                                                                    |
| <b>TSCA 12 (b) Export Notification:</b> | None above reporting de minimis                                                                                                                                                                         |
| <b>CERCLA/SARA Section 302 EHS:</b>     | None above reporting de minimis.<br>Epichlorohydrin (CAS# 106-89-8).                                                                                                                                    |
| <b>CERCLA/SARA Section 311/312:</b>     | Immediate Health, Delayed Health                                                                                                                                                                        |
| <b>CERCLA/SARA Section 313:</b>         | None above reporting de minimis.                                                                                                                                                                        |
| <b>California Proposition 65:</b>       | 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

|                             |                                                                                                   |
|-----------------------------|---------------------------------------------------------------------------------------------------|
| <b>CEPA DSL/NDL Status:</b> | 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:** This Safety Data Sheet contains changes from the previous version in Section(s): 2

|                     |                                       |
|---------------------|---------------------------------------|
| <b>Prepared by:</b> | Product Safety and Regulatory Affairs |
| <b>Issue date:</b>  | 02/23/2024                            |

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