



Revision Number: 001.3

Issue date: 02/11/2025

## 1. IDENTIFICATION

**Product name:** LOCTITE® 263™ THREADLOCKER  
**Product type/** Anaerobic Adhesive  
**Recommended use:**  
**Restriction of Use:** Do not spray.  
**Company address:**  
 Henkel Corporation  
 One Henkel Way  
 Rocky Hill, Connecticut 06067

**IDH number:** 1330583  
**Item number:** 1330583

**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  
 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

This product contains one or more components that are exempt from listing on the U.S. Toxic Substances Control Act (TSCA) inventory because a Low Volume Exemption (LVE) has been granted in accordance with 40 CFR 723.50. Quantities may be limited.

## 2. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**WARNING:** H315 - CAUSES SKIN IRRITATION.  
 H317 - MAY CAUSE AN ALLERGIC SKIN REACTION.  
 H319 - CAUSES SERIOUS EYE IRRITATION.

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

### PICTOGRAM(S)



### Precautionary Statements

**Prevention:** P261 - Avoid breathing mist/vapours.  
 P264 - Wash affected area thoroughly after handling.  
 P272 - Contaminated work clothing should not be allowed out of the workplace.  
 P280 - Wear protective gloves, eye protection, and face protection.

**Response:** P302+P352 - IF ON SKIN: Wash with plenty of water.  
 P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P333+P313 - If skin irritation or rash occurs: Get medical attention.  
 P337+P313 - If eye irritation persists: Get medical attention.  
 P362+P364 - Take off contaminated clothing and wash it before reuse.

**Storage:** Not prescribed  
**Disposal:** P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

**Other hazards** Not available.

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  | Weight %* |
|----------------------------------------|-------------|-----------|
| 3,3,5 Trimethylcyclohexyl methacrylate | 7779-31-9   | 30 - 60   |
| Polyurethane Methacrylate Resin        | Proprietary | 10 - 30   |
| Polyglycol dimethacrylate              | Proprietary | 1 - 5     |
| Methacrylate Ester                     | 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

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

|                                                                                  |                                                                                                                                                                       |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Inhalation:</b>                                                               | Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.                                      |
| <b>Skin contact:</b>                                                             | Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. Wash clothing before reuse. Get medical attention. |
| <b>Eye contact:</b>                                                              | Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.                                                       |
| <b>Ingestion:</b>                                                                | DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.                   |
| <b>Most important symptoms and effects (acute and delayed):</b>                  | The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.                                        |
| <b>Indication of any immediate medical attention / special treatment needed:</b> | Not available.                                                                                                                                                        |

### 5. FIRE FIGHTING MEASURES

|                                           |                                                                                                                                                      |
|-------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Extinguishing media:</b>               | Water spray (fog), foam, dry chemical or carbon dioxide.                                                                                             |
| <b>Improper extinguishing agents:</b>     | Not available.                                                                                                                                       |
| <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> | Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers.                                 |
| <b>Hazardous combustion products:</b>     | Oxides of carbon, oxides of nitrogen, irritating organic vapors.                                                                                     |

### 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. |
|-----------------------------------|---------------------------------------------------|

**Clean-up methods:**

Remove all sources of ignition. Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up as much material as possible. Store in a partly filled, closed container until disposal. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up.

## 7. HANDLING AND STORAGE

**Handling:**

Use only with adequate ventilation. Product is intended to be applied via non-spray methods (e.g. dot or bead dispensing, squeeze, stick, non-spray hand pump). Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Keep container closed. Refer to Section 8.

**Storage:**

For safe storage, store between 8 °C (46.4 °F) and 28 °C (82.4 °F)  
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 |
|------------------------|-----------|----------|-----------|-------|
| None                   | None      | None     | None      | None  |

**Engineering controls:**

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

**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. Full face protection should be used if the potential for splashing or spraying of product exists. Safety showers and eye wash stations should be available.

**Skin protection:**

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

|                                                                   |                                                                                                               |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Physical state:</b>                                            | Liquid                                                                                                        |
| <b>Color:</b>                                                     | Red                                                                                                           |
| <b>Odor:</b>                                                      | Acrylic                                                                                                       |
| <b>Odor threshold:</b>                                            | Not available.                                                                                                |
| <b>pH:</b>                                                        | Not applicable, Product is non-polar/aprotic.                                                                 |
| <b>Vapor pressure:</b>                                            | < 2.8 mbar (50 °C (122°F)) < 0.13 mbar (20 °C (68°F))                                                         |
| <b>Boiling point/range:</b>                                       | > 150 °C (> 302°F)                                                                                            |
| <b>Melting point/ range:</b>                                      | Not available.                                                                                                |
| <b>Density/Relative density:</b>                                  | > 0.100 at 25 °C (77°F) Freq 365                                                                              |
| <b>Relative vapor density:</b>                                    | 1 20 °C                                                                                                       |
| <b>Flash point:</b>                                               | 150 °C (302°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>                                              | The product is not flammable.                                                                                 |
| <b>Evaporation rate:</b>                                          | Not available.                                                                                                |
| <b>Solubility:</b>                                                | Not available.                                                                                                |
| <b>Partition coefficient n-octanol/water (logarithmic value):</b> | Not available.                                                                                                |
| <b>VOC content:</b>                                               | 0.36 % (by weight, calculated using CARB method; g/L less water, less exempts calculated using SCAQMD method) |
| <b>Dynamic viscosity:</b>                                         | 440.0 - 560.0 mPa.s                                                                                           |
| <b>Kinematic viscosity:</b>                                       | > 20.5 mm <sup>2</sup> /s                                                                                     |
| <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. Polymerization may occur at elevated temperature or in the presence of incompatible materials.                                                                 |
| <b>Hazardous decomposition products:</b> | Oxides of carbon. Oxides of nitrogen. Irritating organic vapours.                                                                                                                            |
| <b>Incompatible materials:</b>           | Strong oxidizing agents. Reducing agents. Peroxides. Heavy metals. Strong bases. Free radical initiators. Strong acids and strong bases. Oxygen scavengers. Other polymerization initiators. |
| <b>Reactivity:</b>                       | Not available.                                                                                                                                                                               |
| <b>Conditions to avoid:</b>              | Elevated temperatures. Heat, flames, sparks and other sources of ignition. Store away from incompatible materials.                                                                           |

## 11. TOXICOLOGICAL INFORMATION

**Likely routes of exposure:** Skin, Inhalation, Eyes, Ingestion

### Potential Health Effects/Symptoms

|                      |                                                                                           |
|----------------------|-------------------------------------------------------------------------------------------|
| <b>Inhalation:</b>   | Inhalation of vapors or mists of the product may be irritating to the respiratory system. |
| <b>Skin contact:</b> | Causes skin irritation. May cause allergic skin reaction.                                 |
| <b>Eye contact:</b>  | Causes serious eye irritation.                                                            |
| <b>Ingestion:</b>    | May cause gastrointestinal tract irritation if swallowed.                                 |

| Hazardous Component(s)                 | LD50s and LC50s |
|----------------------------------------|-----------------|
| 3,3,5 Trimethylcyclohexyl methacrylate | None            |
| Polyurethane Methacrylate Resin        | None            |
| Polyglycol dimethacrylate              | None            |
| Methacrylate Ester                     | None            |

| Hazardous Component(s)                 | Immediate Health Effects | Delayed Health Effects | Chronic Health Effects |
|----------------------------------------|--------------------------|------------------------|------------------------|
| 3,3,5 Trimethylcyclohexyl methacrylate |                          |                        |                        |
| Polyurethane Methacrylate Resin        | Irritant                 | Allergen               |                        |
| Polyglycol dimethacrylate              | Irritant                 | Allergen               |                        |
| Methacrylate Ester                     |                          |                        |                        |

| Hazardous Component(s)                 | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen<br>(Specifically Regulated) |
|----------------------------------------|----------------|-----------------|---------------------------------------------|
| 3,3,5 Trimethylcyclohexyl methacrylate | No             | No              | No                                          |
| Polyurethane Methacrylate Resin        | No             | No              | No                                          |
| Polyglycol dimethacrylate              | No             | No              | No                                          |
| Methacrylate Ester                     | No             | No              | No                                          |

## 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.

**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, liquid, n.o.s. (3,3,5-Trimethylcyclohexyl methacrylate) |
| Hazard class or division: | 9                                                                                            |
| Identification number:    | UN 3082                                                                                      |
| Packing group:            | III                                                                                          |

**Water Transportation (IMO/IMDG)**

|                           |                                                                                              |
|---------------------------|----------------------------------------------------------------------------------------------|
| Proper shipping name:     | ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (3,3,5-Trimethylcyclohexyl methacrylate) |
| Hazard class or division: | 9                                                                                            |
| Identification number:    | UN 3082                                                                                      |
| Packing group:            | III                                                                                          |
| Marine pollutant:         | 3,3,5-Trimethylcyclohexyl methacrylate                                                       |

## 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.<br>This product contains one or more components with a Low Volume Exemption (LVE) in accordance with 40 CFR 723.50. Quantities may be limited. |
| <b>TSCA 12 (b) Export Notification:</b> | None above reporting de minimis                                                                                                                                                                                                                                     |
| <b>CERCLA/SARA Section 302 EHS:</b>     | None above reporting de minimis.                                                                                                                                                                                                                                    |
| <b>CERCLA/SARA Section 311/312:</b>     | Please refer to the GHS classification in Section 2                                                                                                                                                                                                                 |
| <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/NDSL Status:</b> | 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: 9**

|                     |                                       |
|---------------------|---------------------------------------|
| <b>Prepared by:</b> | Product Safety and Regulatory Affairs |
|---------------------|---------------------------------------|

|                    |            |
|--------------------|------------|
| <b>Issue date:</b> | 02/11/2025 |
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