**Revision Number:** 006.0

**Issue date:** 10/25/2023

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** **LOCTITE 567 BO350ML**
**Product type/use:** Adhesive/Sealant
**Restriction of Use:** None identified
**Company address:**
Henkel Corporation
One Henkel Way
Rocky Hill, Connecticut 06067

**IDH number:** 2087072
**Item number:** 2087072
**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
Internet: www.henkelna.com

## 2. HAZARDS IDENTIFICATION

| EMERGENCY OVERVIEW | |
|---|---|
| WARNING: | MAY CAUSE AN ALLERGIC SKIN REACTION. |

| HAZARD CLASS | HAZARD CATEGORY |
|---|---|
| SKIN SENSITIZATION | 1 |

**PICTOGRAM(S)**



**Precautionary Statements**

**Prevention:** Avoid breathing vapors, mist, or spray. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves.
**Response:** IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse.
**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* |
|---|---|---|
| 3,3,5 Trimethylcyclohexyl methacrylate | 7779-31-9 | 10 - 30 |
| Ethene, tetrafluoro-, homopolymer | 9002-84-0 | 5 - 10 |
| Ethene, homopolymer | 9002-88-4 | 5 - 10 |
| Titanium dioxide | 13463-67-7 | 1 - 5 |
| Silica, amorphous, fumed, crystal-free | 112945-52-5 | 1 - 5 |
| Propane-1,2-diol | 57-55-6 | 1 - 5 |
| Cumene hydroperoxide | 80-15-9 | 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

**Inhalation:** If inhaled, immediately remove the affected person to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. If symptoms develop and persist, get medical attention.

**Skin contact:** IF ON SKIN: Wash with plenty of soap and water. If skin irritation persists, call a physician.

**Eye contact:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
If eye irritation persists, consult a specialist.

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

**Symptoms:** See Section 11.

## 5. FIRE FIGHTING MEASURES

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

**Special firefighting procedures:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. In case of fire, keep containers cool with water spray.

**Unusual fire or explosion hazards:** Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers.

**Hazardous combustion products:** Oxides of carbon and nitrogen, aldehydes, acids and undetermined organics. Toxic fluorine compounds. Ketones.

## 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:** 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. 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:** Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use. Store frost-free.

## 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 |
|---|---|---|---|---|
| 3,3,5 Trimethylcyclohexyl methacrylate | None | None | None | None |
| Ethene, tetrafluoro-, homopolymer | None | None | None | 10 mg/m3 TWA Total dust.<br>5 mg/m3 TWA Respirable fraction. |
| Ethene, homopolymer | 10 mg/m3 TWA Inhalable particles.<br>3 mg/m3 TWA Respirable particles. | 15 MPPCF TWA Respirable fraction.<br>15 mg/m3 TWA Total dust.<br>50 MPPCF TWA Total dust.<br>5 mg/m3 TWA Respirable fraction.<br>5 mg/m3 PEL Respirable fraction.<br>15 mg/m3 PEL Total dust. | None | None |
| Titanium dioxide | 0.2 mg/m3 TWA Respirable nanoscale particles<br>2.5 mg/m3 TWA Respirable finescale particles | 15 mg/m3 PEL Total dust.<br>15 MPPCF TWA Respirable fraction.<br>15 mg/m3 TWA Total dust.<br>50 MPPCF TWA Total dust.<br>5 mg/m3 TWA Respirable fraction. | None | None |
| Silica, amorphous, fumed, crystal-free | 10 mg/m3 TWA Inhalable dust.<br>3 mg/m3 TWA Respirable fraction.<br>3 mg/m3 TWA Respirable particles.<br>10 mg/m3 TWA Inhalable particles. | 20 MPPCF TWA<br>0.8 mg/m3 TWA<br>50 MPPCF TWA Total dust.<br>5 mg/m3 TWA Respirable fraction.<br>15 mg/m3 TWA Total dust.<br>15 MPPCF TWA Respirable fraction. | None | None |
| Propane-1,2-diol | None | None | 10 mg/m3 TWA Aerosol. | None |
| Cumene hydroperoxide | None | None | 1 ppm (6 mg/m3) TWA (SKIN) | 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

**Physical state:** Paste, Liquid
**Color:** Off white
**Odor:** Mild
**Odor threshold:** Not available.
**pH:** Not applicable, Product is non-polar/aprotic.
**Vapor pressure:** < 0.30 mbar (20 °C (68°F))
**Boiling point/range:** > 150 °C (> 302°F)no method / method unknown
**Melting point/ range:** Not applicable, Product is a liquid

| | |
|---|---|
| **Specific gravity:** | 1.15 |
| **Vapor density:** | > 1 20 °C |
| **Flash point:** | > 100 °C (> 212°F) |
| **Flammable/Explosive limits - lower:** | Not available. |
| **Flammable/Explosive limits - upper:** | Not available. |
| **Autoignition temperature:** | Not available. |
| **Flammability:** | The product is not flammable. |
| **Evaporation rate:** | Not available. |
| **Solubility in water:** | Slight |
| **Partition coefficient (n-octanol/water):** | Not available. |
| **VOC content:** | 0.13 % (ASTM D5403) |
| **Viscosity:** | 300,000 - 800,000 mPa.s |
| **Decomposition temperature:** | Not available. |

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions of storage and use.

**Hazardous reactions:** None under normal processing. Polymerization may occur at elevated temperature or in the presence of incompatible materials.

**Hazardous decomposition products:** Oxides of carbon and nitrogen, aldehydes, acids and undetermined organics. Toxic fluorine compounds. Ketones.

**Incompatible materials:** Strong oxidizing agents. Strong reducing agents. Free radical initiators. Inert gases. Oxygen scavengers.

**Reactivity:** Not available.

**Conditions to avoid:** Elevated temperatures. Heat, flames, sparks and other sources of ignition. Store away from incompatible materials.

## 11. TOXICOLOGICAL INFORMATION

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

**Potential Health Effects/Symptoms**

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

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|---|---|---|
| 3,3,5 Trimethylcyclohexyl methacrylate | None | No Records |
| Ethene, tetrafluoro-, homopolymer | None | No Target Organs |
| Ethene, homopolymer | None | No Target Organs |
| Titanium dioxide | Inhalation LC50 (Rat, 4 h) = > 6.82 mg/l<br>Inhalation LC50 (Rat, 4 h) = > 2.28 mg/l<br>Inhalation LC50 (Rat, 4 h) = > 3.56 mg/l | Irritant, Respiratory, Some evidence of carcinogenicity |
| Silica, amorphous, fumed, crystal-free | None | Nuisance dust |
| Propane-1,2-diol | Oral LD50 (Rabbit) = 18 g/kg<br>Oral LD50 (Mouse) = 23.9 g/kg<br>Oral LD50 (Rat) = 30 g/kg | Irritant |
| Cumene hydroperoxide | None | Allergen, Central nervous system, Corrosive, Irritant, Mutagen |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|---|---|---|
| 3,3,5 Trimethylcyclohexyl methacrylate | No | No | No |
| Ethene, tetrafluoro-, homopolymer | No | No | No |
| Ethene, homopolymer | No | No | No |
| Titanium dioxide | No | Group 2B | No |
| Silica, amorphous, fumed, crystal-free | No | No | No |
| Propane-1,2-diol | No | No | No |
| Cumene hydroperoxide | 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:** | RQ, Environmentally hazardous substance, liquid, n.o.s. |
| **Hazard class or division:** | 9 |
| **Identification number:** | UN 3082 |
| **Packing group:** | III |
| **DOT Hazardous Substance(s):** | alpha,alpha-Dimethylbenzylhydroperoxide |

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

| | |
|---|---|
| **Proper shipping name:** | RQ, Environmentally hazardous substance, liquid, n.o.s. |
| **Hazard class or division:** | 9 |
| **Identification number:** | UN 3082 |
| **Packing group:** | III |

**Water Transportation (IMO/IMDG)**

| | |
|---|---|
| **Proper shipping name:** | RQ, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. |
| **Hazard class or division:** | 9 |
| **Identification number:** | UN 3082 |
| **Packing group:** | III |

## 15. REGULATORY INFORMATION

**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. |
| **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. |
| **CERCLA Reportable quantity:** | Cumene hydroperoxide (CAS# 80-15-9) 10 lbs. (4.54 kg) |
| **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:** | Contains one or more components listed on the Non-Domestic Substances List. All other components are listed on or are exempt from listing on the Domestic Substances List. Components listed on the NDSL must be tracked by all Canadian Importers of Record as required by Environment Canada. They may be imported into Canada in limited quantities. Please contact Regulatory Affairs for additional details. |

## 16. OTHER INFORMATION

**This safety data sheet contains changes from the previous version in sections:** 3,8,11

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

**Issue date:** 10/25/2023

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