**Revision Number:** 005.2

**Issue date:** 05/22/2025

## 1. IDENTIFICATION

**Product name:** LOCTITE PC 6261 known as LOCTITE BF HD PDGR GRY

**IDH number:** 1629599

**Product type/ Recommended use:** Coating

**Item number:** 1629599

**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:

H226 - FLAMMABLE LIQUID AND VAPOUR.
H315 - CAUSES SKIN IRRITATION.
H317 - MAY CAUSE AN ALLERGIC SKIN REACTION.
H319 - CAUSES SERIOUS EYE IRRITATION.
H372 - CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

H373 - MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

| HAZARD CLASS | HAZARD CATEGORY |
|---|---|
| FLAMMABLE LIQUID | 3 |
| SKIN IRRITATION | 2 |
| EYE IRRITATION | 2A |
| SKIN SENSITIZATION | 1 |
| SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE | 1 |
| SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE | 2 |

**PICTOGRAM(S)**

**Precautionary Statements**

**Prevention:**
P210 - Keep away from heat, sparks, open flames, hot surfaces - no smoking.
P233 - Keep container tightly closed.

| | |
|---|---|
| | P240 - Ground and bond container and receiving equipment.<br>P241 - Use explosion-proof equipment.<br>P242 - Use non-sparking tools.<br>P243 - Take action to prevent static discharges.<br>P260 - Do not breathe vapors, mist, or spray.<br>P264 - Wash affected area thoroughly after handling.<br>P270 - Do not eat, drink or smoke when using this product.<br>P272 - Contaminated work clothing should not be allowed out of the workplace.<br>P280 - Wear protective gloves, clothing, eye and face protection. |
| **Response:** | P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing.<br>P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.<br>P314 - Get medical attention if you feel unwell.<br>P333+P313 - If skin irritation or rash occurs: Get medical attention.<br>P337+P313 - If eye irritation persists: Get medical attention.<br>P362+P364 - Take off contaminated clothing and wash it before reuse.<br>P370+P378 - In case of fire: Use foam, dry chemical or carbon dioxide to extinguish. |
| **Storage:** | P403+P235 - Store in a well-ventilated place. Keep cool. |
| **Disposal:** | P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations. |

**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 %* |
|---|---|---|
| Quartz (SiO2), <1% respirable | 14808-60-7 | 10 - 30 |
| 4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene | 98-56-6 | 10 - 30 |
| Aluminium oxide - non fibrous form | 1344-28-1 | 10 - 20 |
| Fatty acids, tall-oil, polymers with bisphenol A and epichlorohydrin | 66070-75-5 | 10 - 30 |
| Xylenes | 1330-20-7 | 5 - 10 |
| Wollastonite (Ca(SiO3)) | 13983-17-0 | 1 - 5 |
| Ethylbenzene | 100-41-4 | 1 - 5 |
| 1-methoxy-2-propanol | 107-98-2 | 1 - 5 |
| Titanium dioxide | 13463-67-7 | 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. If symptoms develop and persist, get medical attention.

**Skin contact:** Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. If symptoms develop and persist, 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 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:** | 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. Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. Vapors are heavier than air and may travel to ignition sources and flash back. |
| **Hazardous combustion products:** | Oxides of carbon. 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. During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition. Wear suitable protective clothing, gloves and eye/face protection. See Section 8 of the SDS for Personal Protective Equipment. Keep container closed. |
| **Storage:** | Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Keep away from heat, spark and flame. Store in original container until ready to use. Store away from incompatible materials identified in section 10. |

**Shelf Life Statement: Not available.**

## 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 |
|---|---|---|---|---|
| Quartz (SiO2), <1% respirable | 0.025 mg/m3 TWA Respirable fraction. | 0.05 mg/m3 TWA (Respirable dust.) (Respirable dust.) 0.025 mg/m3 OSHA_ACT (Respirable dust.) 0.05 mg/m3 PEL Respirable dust. 2.4 MPPCF TWA Respirable 0.1 mg/m3 TWA Respirable | None | None |
| Aluminium oxide - non fibrous form | 1 mg/m3 TWA Respirable fraction. 3 mg/m3 TWA Respirable particles. 10 mg/m3 TWA Inhalable particles. | 5 mg/m3 PEL Respirable fraction. 15 mg/m3 PEL Total dust. 50 MPPCF TWA Total dust. 15 MPPCF TWA Respirable fraction. 15 mg/m3 TWA Total dust. 5 mg/m3 TWA Respirable fraction. | None | None |
| Xylenes | 20 ppm TWA | 100 ppm (435 mg/m3) PEL | None | None |
| Wollastonite (Ca(SiO3)) | 1 mg/m3 TWA Inhalable fraction. | None | None | None |
| Ethylbenzene | 20 ppm TWA | 100 ppm (435 mg/m3) PEL | None | None |
| 1-methoxy-2-propanol | 50 ppm TWA 100 ppm STEL | None | None | None |
| Titanium dioxide | 0.2 mg/m3 TWA Respirable nanoscale particles 2.5 mg/m3 TWA Respirable finescale particles | 15 mg/m3 PEL Total dust. 15 MPPCF TWA Respirable fraction. 15 mg/m3 TWA Total dust. 50 MPPCF TWA Total dust. 5 mg/m3 TWA Respirable fraction. | None | None |

**Engineering controls:** Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established 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.

**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

**Physical state:** Liquid
**Color:** Gray / Grey
**Odor:** Of aromatic solvent
**Odor threshold:** Not available.
**pH:** Not applicable, Product is non-soluble (in water).
**Vapor pressure:** Not available.
**Boiling point/range:** 120 °C (248°F)

| | |
|---|---|
| **Melting point/ range:** | Not applicable, Product is a liquid |
| **Density/Relative density:** | 1.749 |
| **Relative vapor density:** | 3.7 20 °C |
| **Flash point:** | 27.2 °C (80.96 °F) ; Estimated |
| **Flammable/Explosive limits - lower:** | Not available. |
| **Flammable/Explosive limits - upper:** | Not available. |
| **Autoignition temperature:** | Not available. |
| **Flammability:** | Flammable liquid |
| **Evaporation rate:** | Not available. |
| **Solubility:** | Slightly soluble Water |
| **Partition coefficient n-octanol/water (logarithmic value):** | Not available. |
| **VOC content:** | 246.8 g/l of coating |
| **Dynamic viscosity:** | 9,000 - 16,000 cPas |
| **Kinematic viscosity:** | > 20 mm2/s |
| **Particle characteristics:** | Not applicable, Product is a liquid |
| **Decomposition temperature:** | > 200 °C |

## 10. STABILITY AND REACTIVITY

| | |
|---|---|
| **Stability:** | Stable under normal conditions of storage and use. |
| **Hazardous reactions:** | None under normal processing. |
| **Hazardous decomposition products:** | Oxides of carbon. Irritating vapors. |
| **Incompatible materials:** | Oxidizing agents. Alkalis. Acids. |
| **Reactivity:** | Not available. |
| **Conditions to avoid:** | Keep away from heat, ignition sources and incompatible materials. |

## 11. TOXICOLOGICAL INFORMATION

**Likely 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. 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.

**Skin contact:** Causes skin irritation. May cause allergic skin reaction.

**Eye contact:** Causes serious eye irritation.

**Ingestion:** Not expected under normal conditions of use.

| Hazardous Component(s) | LD50s and LC50s |
|---|---|
| Quartz (SiO2), <1% respirable | None |
| 4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene | Inhalation LC50 (Rat, 4 h) = 220 ppm<br>Inhalation LC50 (Mouse, 4 h) = 200 ppm |
| Aluminium oxide - non fibrous form | None |
| Fatty acids, tall-oil, polymers with bisphenol A and epichlorohydrin | None |
| Xylenes | Oral LD50 (Rat) = 6,670 mg/kg<br>Oral LD50 (Rat) = 3,523 - 8,600 mg/kg<br>Oral LD50 (Rat) = 4,300 mg/kg<br>Dermal LD50 (Rabbit) = > 43 g/kg<br>Inhalation LC50 (Rat, 4 h) = 6580 ppm<br>Inhalation LC50 (Rat, 4 h) = 6247 ppm<br>Inhalation LC50 (Rat, 4 h) = 5922 ppm<br>Inhalation LC50 (Rat, 4 h) = 6700 ppm<br>Inhalation LC50 (Rat, 4 h) = 6350 ppm |
| Wollastonite (Ca(SiO3)) | None |
| Ethylbenzene | Oral LD50 (Rat) = 5.46 g/kg<br>Oral LD50 (Rat) = 3,500 mg/kg<br>Dermal LD50 (Rabbit) = 17,800 mg/kg<br>Inhalation LC50 (Rat, 4 h) = 4000 ppm |
| 1-methoxy-2-propanol | Oral LD50 (Rat) = 36 g/kg<br>Oral LD50 (Rat) = 5.71 g/kg<br>Oral LD50 (Rat) = 7.51 g/kg<br>Oral LD50 (Mouse) = 10.8 g/kg<br>Oral LD50 (Rabbit) = 5.3 g/kg<br>Dermal LD50 (Rabbit) = 13 g/kg |
| 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 |

| Hazardous Component(s) | Immediate Health Effects | Delayed Health Effects | Chronic Health Effects |
|---|---|---|---|
| Quartz (SiO2), <1% respirable | | | Immune system<br>Lung<br>Some evidence of carcinogenicity |
| 4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene | Irritant | | Adrenals<br>Blood<br>Central nervous system<br>Immune system<br>Kidney<br>Liver<br>Lung<br>Skin<br>Thyroid |
| Aluminium oxide - non fibrous form | Irritant<br>Nuisance dust<br>Corrosive | | |
| Fatty acids, tall-oil, polymers with bisphenol A and epichlorohydrin | | | |
| Xylenes | Irritant | | Cardiac<br>Central nervous system<br>Kidney<br>Liver |
| Wollastonite (Ca(SiO3)) | | | Lung |

| | | | |
|---|---|---|---|
| Ethylbenzene | Irritant | | Central nervous system |
| 1-methoxy-2-propanol | Irritant | | Central nervous system<br>Developmental |
| Titanium dioxide | Irritant | | Respiratory<br>Some evidence of carcinogenicity |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|---|---|---|
| Quartz (SiO2), <1% respirable | Known To Be Human Carcinogen. | Group 1 | Yes |
| 4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene | No | Group 2B | No |
| Aluminium oxide - non fibrous form | No | No | No |
| Fatty acids, tall-oil, polymers with bisphenol A and epichlorohydrin | No | No | No |
| Xylenes | No | No | No |
| Wollastonite (Ca(SiO3)) | No | No | No |
| Ethylbenzene | No | Group 2B | No |
| 1-methoxy-2-propanol | No | No | No |
| Titanium dioxide | No | Group 2B | 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.

**Canada Transportation of Dangerous Goods - Ground**
**Proper shipping name:** PAINT
**Hazard class or division:** 3
**Identification number:** UN 1263
**Packing group:** III

**International Air Transportation (ICAO/IATA)**
**Proper shipping name:** Paint
**Hazard class or division:** 3
**Identification number:** UN 1263
**Packing group:** III

**Water Transportation (IMO/IMDG)**
**Proper shipping name:** PAINT
**Hazard class or division:** 3
**Identification number:** UN 1263
**Packing group:** III

## 15. REGULATORY INFORMATION

**Canada Regulatory Information**

**CEPA DSL/NDSL 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:** 3,8,9,11

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

**Issue date:** 05/22/2025

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