**Revision Number:** 005.0

**Issue date:** 05/20/2014

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** **LOCTITE SF 7387 known as LOCTITE 330 DEPEND 25ML PT B**

**IDH number:** 1690728

**Product type:** Activator

**Item number:** 1690727_194673

**Restriction of Use:** None identified

**Region:** United States

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

**Contact information:**
Telephone: (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:
CONTENTS UNDER PRESSURE.
FLAMMABLE AEROSOL.
CAUSES SKIN IRRITATION.
MAY CAUSE AN ALLERGIC SKIN REACTION.
CAUSES SERIOUS EYE IRRITATION.
MAY CAUSE DROWSINESS OR DIZZINESS.

| HAZARD CLASS | HAZARD CATEGORY |
|---|---|
| FLAMMABLE AEROSOL. | 2 |
| SKIN IRRITATION | 2 |
| EYE IRRITATION | 2A |
| SKIN SENSITIZATION | 1 |
| SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE | 3 |

**PICTOGRAM(S)**



**Precautionary Statements**

**Prevention:**

Keep away from heat,sparks, open flames, hot surfaces - no smoking. Do not spray on an open flame or other ignition source. Pressurized container: Do not pierce or burn, even after use. Avoid breathing mist or spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Contaminated work clothing should not be allowed out of the workplace. Wear eye and face protection. Wear protective gloves.

**Response:**

IF ON SKIN: Wash with plenty of soap and water. IF INHALED: Remove person to fresh air and keep comfortable for breathing.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. Call a poison control center or physician if you feel unwell. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.

**Storage:**

Store in a well-ventilated place. Keep container tightly closed. Store locked up. Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

**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* |
|---|---|---|
| n-Heptane | 142-82-5 | 30 - 60 |
| Aldehyde-amine condensate | Proprietary | 10 - 30 |
| Isobutane | 75-28-5 | 10 - 30 |
| 2-Propanol | 67-63-0 | 10 - 30 |
| Methylcyclohexane | 108-87-2 | 1 - 5 |
| Octane | 111-65-9 | 1 - 5 |

* Exact percentage is a trade secret. Concentration range is provided to assist users in providing appropriate protections.

## 4. FIRST AID MEASURES

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

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

**Eye contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. If symptoms develop and persist, get medical attention.

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.

**Symptoms:** See Section 11.

## 5. FIRE FIGHTING MEASURES

**Extinguishing media:** Foam, dry chemical or carbon dioxide.

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

**Unusual fire or explosion hazards:** Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back. Contents under pressure. Exposure to temperatures above 49ºC (120°F) may cause container to burst. Do not puncture or incinerate pressurized containers.

**Hazardous combustion products:** Oxides of carbon. Oxides of nitrogen. Hydrocarbons. Irritating organic vapours.

## 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. Ensure adequate ventilation. Keep unnecessary personnel away. 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:** 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. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Do not puncture or incinerate pressurized containers. Refer to Section 8.

**Storage:** For safe storage, store between 0 °C (32°F) and 38 °C (100.4 °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 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 |
|---|---|---|---|---|
| n-Heptane | 400 ppm TWA<br>500 ppm STEL | 500 ppm (2,000 mg/m3) PEL | None | None |
| Aldehyde-amine condensate | None | None | None | None |
| Isobutane | 1,000 ppm STEL | None | None | None |
| 2-Propanol | 200 ppm TWA<br>400 ppm STEL | 400 ppm (980 mg/m3) PEL | None | None |
| Methylcyclohexane | 400 ppm TWA | 500 ppm (2,000 mg/m3) PEL | None | None |
| Octane | 300 ppm TWA | 500 ppm (2,350 mg/m3) PEL | None | None |

**Engineering controls:** Use explosion-proof mechanical ventilation and local exhaust to control contaminants to within their occupational exposure limits during the use of this product.

**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:** | Liquid, Aerosol |
| **Color:** | Amber |
| **Odor:** | Aliphatic |
| **Odor threshold:** | Not available. |
| **pH:** | Not available. |
| **Vapor pressure:** | 35 mm hg (20 °C (68°F)) |
| **Boiling point/range:** | 49 °C (120.2 °F) Approximately |
| **Melting point/ range:** | Not available. |
| **Specific gravity:** | 0.7694 |
| **Vapor density:** | Not available. |
| **Flash point:** | -4 °C (24.8 °F) |
| **Flammable/Explosive limits - lower:** | Not available. |
| **Flammable/Explosive limits - upper:** | Not available. |
| **Autoignition temperature:** | Not available. |
| **Evaporation rate:** | Not available. |
| **Solubility in water:** | Insoluble |
| **Partition coefficient (n-octanol/water):** | Not available. |
| **VOC content:** | 83.84 %; 645.1 g/l EPA Method 24 |
| **Viscosity:** | Not available. |
| **Decomposition temperature:** | Not available. |

## 10. STABILITY AND REACTIVITY

| | |
|---|---|
| **Stability**: | Stable under normal conditions of storage and use. |
| **Hazardous reactions:** | Will not occur. |
| **Hazardous decomposition products:** | Oxides of carbon. Oxides of nitrogen. Irritating organic vapours. |
| **Incompatible materials:** | Strong oxidizing agents. Strong acids and strong bases. Amines. Alkalis. Aldehydes. Chlorine. Halogens. Ethylene oxide. Isocyanates. |
| **Reactivity:** | Not available. |
| **Conditions to avoid:** | Heat, flames, sparks and other sources of ignition. Store away from incompatible materials. Do not puncture, incinerate, or expose to temperatures above 48.9 °C (120 °F). |

## 11. TOXICOLOGICAL INFORMATION

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

**Potential Health Effects/Symptoms**

**Inhalation:** May cause dizziness, incoordination, headache, nausea, and vomiting.
**Skin contact:** Causes skin irritation. May cause allergic skin reaction.
**Eye contact:** Causes serious eye irritation.
**Ingestion:** Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea. Aspirated material can enter the lungs and result in pneumonitis.

| Hazardous Component(s) | LD50s and LC50s | Immediate and Delayed Health Effects |
|---|---|---|
| n-Heptane | Inhalation LC50 (RAT, 4 h) = 103 mg/l | Central nervous system, Irritant |
| Aldehyde-amine condensate | None | No Records |
| Isobutane | Inhalation LC50 (RAT, 15 min) = 570000 ppm | Cardiac, Central nervous system, Lung |
| 2-Propanol | Oral LD50 (RAT) = 5,045 mg/kg<br>Oral LD50 (RABBIT) = 6,410 mg/kg<br>Oral LD50 (RAT) = 4.7 g/kg<br>Oral LD50 (RABBIT) = 8.0 g/kg<br>Oral LD50 (RABBIT) = 5.03 g/kg<br>Dermal LD50 (RABBIT) = 12,800 mg/kg | Allergen, Blood, Brain, Central nervous system, Irritant, Kidney, Liver, Spleen |
| Methylcyclohexane | None | Central nervous system, Irritant, Kidney, Liver |
| Octane | Inhalation LC50 (RAT, 4 h) = 118 mg/l | Central nervous system, Irritant, Lung |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|---|---|---|
| n-Heptane | No | No | No |
| Aldehyde-amine condensate | No | No | No |
| Isobutane | No | No | No |
| 2-Propanol | No | No | No |
| Methylcyclohexane | No | No | No |
| Octane | 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.

**Hazardous waste number:** D001: Ignitable.

## 14. TRANSPORT INFORMATION

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

**U.S. Department of Transportation Ground (49 CFR)**
**Proper shipping name:** Aerosols, flammable
**Hazard class or division:** 2.1
**Identification number:** UN 1950
**Packing group:** None

**International Air Transportation (ICAO/IATA)**
**Proper shipping name:** Aerosols, flammable
**Hazard class or division:** 2.1
**Identification number:** UN 1950
**Packing group:** None
**Exceptions:** ID8000, May Qualify as Consumer Commodity, (Not more than 500 ml)

**Water Transportation (IMO/IMDG)**

| | |
|---|---|
| **Proper shipping name:** | AEROSOLS (n-Heptane) |
| **Hazard class or division:** | 2.1 |
| **Identification number:** | UN 1950 |
| **Packing group:** | None |
| **Marine pollutant:** | n-Heptane |
| **Exceptions:** | Limited quantity (Not more than 1 L). |

## 15. REGULATORY INFORMATION

**United States Regulatory Information**

| | |
|---|---|
| **TSCA 8 (b) Inventory Status:** | All components are listed or are exempt from listing on the Toxic Substances Control Act 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, Fire, Sudden Release |
| **CERCLA/SARA Section 313:** | None above reporting de minimis |
| **CERCLA Reportable quantity:** | n-Heptane (CAS# 142-82-5) 100 lbs. (45.4 kg)<br>Isobutane (CAS# 75-28-5) 100 lbs. (45.4 kg)<br>2-Propanol (CAS# 67-63-0) 100 lbs. (45.4 kg)<br>Methylcyclohexane (CAS# 108-87-2) 100 lbs. (45.4 kg)<br>Octane (CAS# 111-65-9) 100 lbs. (45.4 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:** | 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:** New Safety Data Sheet format.

**Prepared by:** Sheila Gines, Regulatory Affairs Specialist

**Issue date:** 05/20/2014

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