**Revision Number:** 005.0

**Issue date:** 06/02/2014

## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** **LOCTITE® 7701™ PRIMER PRISM®**
**Product type:** Primer
**Restriction of Use:** None identified
**Company address:**
Henkel Corporation
One Henkel Way
Rocky Hill, Connecticut 06067

**IDH number:** 88195
**Item number:** 19886
**Region:** United States
**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 | |
|---|---|
| DANGER: | HIGHLY FLAMMABLE LIQUID AND VAPOR.<br>CAUSES SKIN IRRITATION.<br>CAUSES SERIOUS EYE IRRITATION.<br>MAY CAUSE DROWSINESS OR DIZZINESS. |

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

**PICTOGRAM(S)**



**Precautionary Statements**

**Prevention:** Keep away from heat,sparks, open flames, hot surfaces - no smoking. Keep container tightly closed. No release into water. Use explosion-proof equipment. Use only non-sparking tools. Take precautionary measures against static discharge. Avoid breathing vapors, mist, or spray. Wash thoroughly after handling. Use only outdoors or in a well-ventilated area. Wear protective gloves, eye protection, and face protection.

**Response:** If on skin (or hair): Take off immediately all contaminated clothing. 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 occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing. In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.

**Storage:** Store in a well-ventilated place. Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.

**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 | 60 - 100 |

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

## 4. FIRST AID MEASURES

**Inhalation:** If symptoms develop and persist, get medical attention. Move to fresh air.

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

**Eye contact:** Get medical attention. Immediately flush eyes with plenty of water for at least 15 minutes.

**Ingestion:** Get medical attention. Do not induce vomiting.

**Symptoms:** See Section 11.

**Notes to physician:** Aspiration may cause pulmonary edema or aspiration pneumonia.

## 5. FIRE FIGHTING MEASURES

**Extinguishing media:** Dry chemical. Carbon dioxide. foam

**Special firefighting procedures:** Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.

**Unusual fire or explosion hazards:** Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.

**Hazardous combustion products:** Oxides of carbon. Oxides of nitrogen.

## 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. Remove all sources of ignition.

**Clean-up methods:** Ensure adequate ventilation. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a partly filled, closed container until disposal.

## 7. HANDLING AND STORAGE

**Handling:** Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.

**Storage:** For safe storage, store at or below 49 °C (120.2 °F)
Store away from ignition sources. Keep in a cool, well ventilated area. Keep container closed.

**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 |

**Engineering controls:** Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.

**Respiratory protection:** Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respirator use (29 CFR 1910.134).

**Eye/face protection:** Safety glasses with side-shields. Goggles.

**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:** LiquidLiquid
**Color:** Clear, ColorlessRed, Orange
**Odor:** Aliphaticamine-like
**Odor threshold:** Not available.
**pH:** Not available.
**Vapor pressure:** 35 mm hg (68 °F (20°C))
**Boiling point/range:** 205 - 210 °F (96.1 - 98.9 °C) None
**Melting point/ range:** Not available.
**Specific gravity:** 0.68
**Vapor density:** 3.45 Heavier than air.
**Flash point:** -2 °C (28.4 °F) Tagliabue closed cup
**Flammable/Explosive limits - lower:** 1.1 %
**Flammable/Explosive limits - upper:** 6.7 %
**Autoignition temperature:** Not available.
**Evaporation rate:** 2.7 (Ether = 1)
**Solubility in water:** Not miscible
**Partition coefficient (n-octanol/water):** Not available.
**VOC content:** 99.9 %; 680 g/l
**Viscosity:** Not available.
**Decomposition temperature:** Not available.

## 10. STABILITY AND REACTIVITY

**Stability**: Stable

**Hazardous reactions:** Will not occur.

**Hazardous decomposition products:** No data

**Incompatible materials:** Oxidizing agents. Acids.

**Reactivity:** Not available.

**Conditions to avoid:** Heat, flames, sparks and other sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

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

**Potential Health Effects/Symptoms**

**Inhalation:** Vapours may cause drowsiness and dizziness. Central nervous system effects. Vapors may cause headaches, nausea, dizziness and respiratory tract irritation. Residue remaining after evaporation of the solvent is destructive to mucous membranes.

**Skin contact:** Causes skin irritation. Residue remaining after evaporation of the solvent is destructive to skin. Redness.

**Eye contact:** Causes serious eye irritation. Residue remaining after evaporation of the solvent is destructive to eyes.

**Ingestion:** Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis. Ingestion may cause irritation to mucous membranes.

| 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 |

| Hazardous Component(s) | NTP Carcinogen | IARC Carcinogen | OSHA Carcinogen (Specifically Regulated) |
|---|---|---|---|
| n-Heptane | 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:** Heptanes
**Hazard class or division:** 3
**Identification number:** UN 1206
**Packing group:** II

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

**Proper shipping name:** Heptanes
**Hazard class or division:** 3
**Identification number:** UN 1206
**Packing group:** II
**Exceptions:** (Not more than 500 ml), May Qualify as Consumer Commodity, ID8000

**Water Transportation (IMO/IMDG)**

**Proper shipping name:** HEPTANES
**Hazard class or division:** 3
**Identification number:** UN 1206
**Packing group:** II
**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
**CERCLA/SARA Section 313:** None above reporting de minimis

**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

**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:** Diane Annis, Sr. Regulatory Affairs Specialist

**Issue date:** 06/02/2014

**DISCLAIMER:** The data contained herein are furnished for information only and are believed to be reliable. However, Henkel Corporation and its affiliates ("Henkel") does not assume responsibility for any results obtained by persons over whose methods Henkel has no control. It is the user's responsibility to determine the suitability of Henkel's products or any production methods mentioned herein for a particular purpose, and to adopt such precautions as may be advisable for the protection of property and persons against any hazards that may be involved in the handling and use of any Henkel's products. In light of the foregoing, Henkel specifically disclaims all warranties, express or implied, including warranties of merchantability and fitness for a particular purpose, arising from sale or use of Henkel's products. Henkel further disclaims any liability for consequential or incidental damages of any kind, including lost profits.