



Revision Number: 003.0

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## 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** LOCTITE® 770™ Primer Prism® PART NO/ 18396  
**Product type:** Primer  
**Company address:** Henkel Corporation  
 One Henkel Way  
 Rocky Hill, Connecticut 06067

**IDH number:** 135266  
**Item number:** 18396  
**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

<b>Physical state:</b>	Liquid	<b>HEALTH:</b>	*2
<b>Color:</b>	Transparent, colourless, clear	<b>FLAMMABILITY:</b>	3
<b>Odor:</b>	Aliphatic	<b>PHYSICAL HAZARD:</b>	0
		<b>Personal Protection:</b>	See MSDS Section 8

**DANGER:** FLAMMABLE!  
 HARMFUL IF INHALED.  
 HARMFUL OR FATAL IF SWALLOWED.  
 MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
 VAPOR MAY CAUSE FLASH FIRE.

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

### Potential Health Effects

**Inhalation:** Residue remaining after evaporation of the solvent is destructive to mucous membranes. Vapors may cause headaches, nausea, dizziness and respiratory tract irritation. Central nervous system effects.  
**Skin contact:** May cause irritation due to defatting of the skin. Residue remaining after evaporation of the solvent is destructive to skin. Redness.  
**Eye contact:** Residue remaining after evaporation of the solvent is destructive to eyes. Vapors may irritate eyes. Contact with eyes will cause irritation.  
**Ingestion:** Principal hazard of ingestion is aspiration into the lungs and subsequent pneumonitis. Ingestion may cause irritation to mucous membranes.

**Existing conditions aggravated by exposure:** Eye, skin, and respiratory disorders.

This material is considered hazardous by the OSHA Hazard Communication Standard (29 CFR 1910.1200).

See Section 11 for additional toxicological information.

## 3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous components	CAS NUMBER	%
n-Heptane	142-82-5	60 - 100

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	If symptoms develop and persist, get medical attention. Move to fresh air.
<b>Skin contact:</b>	Remove contaminated clothing and footwear. If symptoms develop and persist, get medical attention. Immediately flush skin with plenty of water (using soap, if available). Wash clothing before reuse.
<b>Eye contact:</b>	Get medical attention. Immediately flush eyes with plenty of water for at least 15 minutes.
<b>Ingestion:</b>	Do not induce vomiting. Get medical attention.
<b>Notes to physician:</b>	Aspiration may cause pulmonary edema or aspiration pneumonia.

#### 5. FIRE FIGHTING MEASURES

<b>Flash point:</b>	-2 °C (28.4 °F)
<b>Autoignition temperature:</b>	Not available.
<b>Flammable/Explosive limits - lower:</b>	1.1 %
<b>Flammable/Explosive limits - upper:</b>	6.7 %
<b>Extinguishing media:</b>	foam Carbon dioxide. Dry chemical.
<b>Special firefighting procedures:</b>	Water should be used to cool closed containers to prevent pressure build-up and possible autoignition or explosion when exposed to extreme heat.
<b>Unusual fire or explosion hazards:</b>	Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.
<b>Hazardous combustion products:</b>	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.

<b>Environmental precautions:</b>	Remove all sources of ignition. Do not allow product to enter sewer or waterways.
<b>Clean-up methods:</b>	Ensure adequate ventilation. Store in a partly filled, closed container until disposal. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust).

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Use only with adequate ventilation. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling.
<b>Storage:</b>	For safe storage, store between 0 °C (32°F) and 49 °C (120.2 °F) Keep in a cool, well ventilated area. Keep container closed. Store away from ignition sources.

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 components	ACGIH TLV	OSHA PEL	AIHA WEEL	OTHER
n-Heptane	400 ppm TWA 500 ppm STEL	500 ppm (2,000 mg/m3) TWA	None	None

<b>Engineering controls:</b>	Local exhaust ventilation is recommended when general ventilation is not sufficient to control airborne contamination below occupational exposure limits.
<b>Respiratory protection:</b>	Use NIOSH approved respirator if there is potential to exceed exposure limit(s). Observe OSHA regulations for respiratory use (29 CFR 1910.134).
<b>Eye/face protection:</b>	Safety glasses with side-shields. Goggles.
<b>Skin protection:</b>	Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Color:</b>	Transparent, colourless, clear
<b>Odor:</b>	Aliphatic
<b>Odor threshold:</b>	Not available.
<b>pH:</b>	Not available.
<b>Vapor pressure:</b>	35 mm hg (20 °C (68°F))
<b>Boiling point/range:</b>	205 - 210 °F (96.1 - 98.9 °C) None
<b>Melting point/ range:</b>	Not available.
<b>Specific gravity:</b>	0.68
<b>Vapor density:</b>	3.45
<b>Flash point:</b>	-2 °C (28.4 °F)
<b>Flammable/Explosive limits - lower:</b>	1.1 %
<b>Flammable/Explosive limits - upper:</b>	6.7 %
<b>Autoignition temperature:</b>	Not available.
<b>Evaporation rate:</b>	2.7 (Ether = 1)
<b>Solubility in water:</b>	Not miscible
<b>Partition coefficient (n-octanol/water):</b>	Not available.
<b>VOC content:</b>	99.9 %; 680 g/l

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Hazardous reactions:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	No data
<b>Incompatible materials:</b>	Acids. Oxidizing agents.
<b>Conditions to avoid:</b>	Heat, flames, sparks and other sources of ignition.

## 11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
n-Heptane	No	No	No

Hazardous components	Health Effects/Target Organs
n-Heptane	Central nervous system, Irritant

## 12. ECOLOGICAL INFORMATION

<b>Ecological information:</b>	Not available.
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### 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 shipping classification in this section are for bulk packaging only. Shipping classification may be different for non-bulk packaging as exceptions may apply. Refer to shipping documents for package specific transportation classification.

#### U.S. Department of Transportation Ground (49 CFR)

**Proper shipping name:** Heptanes  
**Hazard class or division:** 3  
**Identification number:** UN 1206  
**Packing group:** II  
**Exceptions:** ORM-D, (Not more than 1 L), Consumer Commodity

#### 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), ID8000, May Qualify as Consumer Commodity

#### 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:** N-Heptane (CAS# 142-82-5).  
**CERCLA/SARA Section 302 EHS:** None above reporting de minimus  
**CERCLA/SARA Section 311/312:** Delayed Health, Fire, Immediate Health  
**CERCLA/SARA 313:** None above reporting de minimus  
**California Proposition 65:** No California Proposition 65 listed chemicals are known to be present.

#### Canada Regulatory Information

**CEPA DSL/NDL Status:** All components are listed on or are exempt from listing on the Canadian Domestic Substances List.  
**WHMIS hazard class:** B.2, D.2.B

### 16. OTHER INFORMATION

**This material safety data sheet contains changes from the previous version in sections:** New Material Safety Data Sheet format.

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