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### 1. CHEMICAL 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

**Item No. :** 18396 / IDH No. 135266  
**Region:** United States  
**Contact Information:**  
Telephone: (860) 571-5100  
Emergency telephone: (860) 571-5100  
Internet: www.henkelna.com

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

<u>Hazardous components</u>	<u>%</u>	<u>ACGIH TLV</u>	<u>OSHA PEL</u>	<u>OTHER</u>
n-Heptane 142-82-5	60-100	400 ppm TWA 500 ppm STEL	2000 mg/m <sup>3</sup> TWA 500 ppm TWA	None

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

<b>Physical state:</b> Liquid	<b>HEALTH:</b>	2
<b>Color:</b> Clear Colorless	<b>FLAMMABILITY:</b>	3
<b>Odor:</b> Aliphatic	<b>PHYSICAL HAZARD:</b>	0
	<b>Personal Protection:</b>	See Section 8

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

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

#### Potential Health Effects

**Inhalation:** 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:** May cause irritation due to defatting of the skin. Redness. Residue remaining after evaporation of the solvent is destructive to skin.

**Eye contact:** Vapors may irritate eyes. Contact with eyes will cause irritation. Residue remaining after evaporation of the solvent is destructive to eyes.

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

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

See Section 11 for additional toxicological information.

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#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If symptoms develop and persist, get medical attention.
<b>Skin contact:</b>	Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.
<b>Eye contact:</b>	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
<b>Ingestion:</b>	Do not induce vomiting. Obtain 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 (30°F) Tagliabue closed cup
<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 (CO2). Dry chemical.
<b>Special fire fighting 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

<b>Environmental precautions:</b>	Remove sources of ignition. Prevent product from entering drains or open waters.
<b>Clean-up methods:</b>	Ensure adequate ventilation. Soak up with inert absorbent. Keep in suitable and closed containers for disposal.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.
<b>Storage:</b>	Keep in a cool, well ventilated area. Store away from ignition sources. Keep container closed. Store at or below 49°C (120°F).
<b>Incompatible products:</b>	Refer to Section 10.

For information on product shelf life contact Henkel Customer Service at (800) 243-4874.

#### 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

<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>Skin protection:</b>	Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.
<b>Eye/face protection:</b>	Safety glasses with side-shields. Goggles.

**See Section 2 for exposure limits.**

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Clear Colorless
Odor:	Aliphatic
Vapor pressure:	35 mmHg at 20 °C (68 °F)
pH:	Not applicable
Boiling point/range:	96-98°C (205-210°F)
Melting point/range:	Not available
Specific gravity:	0.68
Vapor density:	3.45
Evaporation rate:	2.7 (Ether = 1)
Solubility in water:	Immiscible
Partition coefficient (n-octanol/water):	Not available
VOC content:	99.9%; 680 grams/liter

## 10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	No data available
Incompatibility:	Acids. Oxidizing agents.
Conditions to avoid:	Heat, flames and sparks.

## 11. TOXICOLOGICAL INFORMATION

### Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
n-Heptane 142-82-5	No	No	No

### Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
n-Heptane 142-82-5	Central nervous system, Irritant

## 12. ECOLOGICAL INFORMATION

Ecological information:	Not available
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## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal:	Dispose of in accordance with Federal, State and local regulations.
EPA hazardous waste number:	D001: Ignitable.

## 14. TRANSPORT INFORMATION

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

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

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

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

**WaterTransportation (IMO/IMDG):**

**Proper shipping name:** Heptane solutions  
**Hazard class or division:** 3  
**Identification number:** UN1206  
**Packing group:** II  
**Exceptions:** Limited quantity (Not more than 1 L)  
**Marine pollutant:** None

**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 (142-82-5).

**CERCLA/SARA Section 302 EHS:** None.  
**CERCLA/SARA Section 311/312:** Immediate Health Hazard, Delayed Health Hazard, Fire  
**CERCLA/SARA 313:** None.

**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 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: Updated Revision Date Only

**Prepared by:** Regulatory Affairs

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