1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product name: LOCTITE® 770™ Primer Prism® PART NO/ 18396  
Item No. : 18396 / IDH No. 135266

Product type: Primer

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

Contact Information:
Telephone: (860) 571-5100
Emergency telephone: (860) 571-5100
Internet: www.henkelna.com

2. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>%</th>
<th>ACGIH TLV</th>
<th>OSHA PEL</th>
<th>OTHER</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Heptane</td>
<td>60-100</td>
<td>400 ppm TWA</td>
<td>2000 mg/m³ TWA</td>
<td>None</td>
</tr>
<tr>
<td>142-82-5</td>
<td></td>
<td>500 ppm STEL</td>
<td>500 ppm TWA</td>
<td></td>
</tr>
</tbody>
</table>

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

HMIS:
- HEALTH: 2
- FLAMMABILITY: 3
- PHYSICAL HAZARD: 0
- Personal Protection: 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.
4. FIRST AID MEASURES

**Inhalation:** Remove to fresh air. 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 shoes. Wash clothing before reuse. Get medical attention if symptoms occur.

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

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

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

5. FIRE-FIGHTING MEASURES

**Flash point:** -2°C (30°F) Tagliabue closed cup

**Autoignition temperature:** Not available

**Flammable/Explosive limits-lower %:** 1.1

**Flammable/Explosive limits-upper %:** 6.7

**Extinguishing media:** Foam. Carbon dioxide (CO2). Dry chemical.

**Special fire fighting 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

**Environmental precautions:** Remove sources of ignition. Prevent product from entering drains or open waters.

**Clean-up methods:** Ensure adequate ventilation. Soak up with inert absorbent. Keep in suitable and closed containers for disposal.

7. HANDLING AND STORAGE

**Handling:** Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation.

**Storage:** Keep in a cool, well ventilated area. Store away from ignition sources. Keep container closed. Store at or below 49°C (120°F).

**Incompatible products:** Refer to Section 10.

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

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

**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 respiratory use (29 CFR 1910.134).

**Skin protection:** Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

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

See Section 2 for exposure limits.
9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Liquid
Color: Clear Colorless
Odor: Aliphatic
Vapor pressure: 35 mmHg at 20 ºC (68 ºF)
pH: Not applicable
Boiling point/range: 96-98ºC (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
Conditions to avoid: Heat, flames and sparks.

11. TOXICOLOGICAL INFORMATION

Carcinogen Status

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>NTP Carcinogen</th>
<th>IARC Carcinogen</th>
<th>OSHA Carcinogen</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Heptane 142-82-5</td>
<td>No</td>
<td>No</td>
<td>No</td>
</tr>
</tbody>
</table>

Literature Referenced Target Organ & Other Health Effects

<table>
<thead>
<tr>
<th>Hazardous components</th>
<th>Health Effects/Target Organs</th>
</tr>
</thead>
<tbody>
<tr>
<td>n-Heptane 142-82-5</td>
<td>Central nervous system, Irritant</td>
</tr>
</tbody>
</table>

12. ECOLOGICAL INFORMATION

Ecological information: Not available

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)
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/NDSL 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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