



Revision Date: 05/02/2005

Issue date: 05/02/2005

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Prism® 7701 Medical Device Primer  
**Product type:** Primer  
**Company address:**  
Henkel Corporation  
1001 Trout Brook Crossing  
Rocky Hill, Connecticut 06067

**Item No. :** 19887  
**Region:** United States  
**Contact Information:**  
Telephone: 860.571.5100  
Emergency telephone: 860.571.5100  
Internet: www.loctite.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

##### HMIS:

<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:** EXTREMELY 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

<b>Inhalation:</b>	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.
<b>Skin contact:</b>	May cause irritation due to defatting of the skin. Redness. Residue remaining after evaporation of the solvent is destructive to skin.
<b>Eye contact:</b>	Vapors may irritate eyes. Contact with eyes will cause irritation. Residue remaining after evaporation of the solvent is destructive to eyes.
<b>Ingestion:</b>	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

<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).

**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 °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 Heavier than air  
**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

## 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.

**Item No. :** 19887

**Product name:** Prism® 7701 Medical Device Primer

## 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)

### 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)

### Water Transportation (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 above reporting de minimus.

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: 14, 15

Prepared by: C.J. Michaels, Senior Product Safety & Regulatory Affairs Specialist

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