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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** LOCTITE H8100 SPEED PT A 490ML  
**Product type:** Acrylics  
**Company address:**  
 Henkel Corporation  
 1001 Trout Brook Crossing  
 Rocky Hill, Connecticut 06067

**Item No. :** 1056476\_AA0801 / IDH No. 1056476  
**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>
Methyl methacrylate 80-62-6	30-60	50 ppm TWA 100 ppm STEL (sensitizer)	100 ppm TWA 410 mg/m <sup>3</sup> TWA	50 ppm
Carboxy-terminated polybutadiene, glycidyl methacrylate diester 68649-04-7	10-30	None	None	None
Methacrylic acid 79-41-4	5-10	20 ppm TWA	None	None
Synthetic rubber 9003-18-3	5-10	None	None	None
N,N-Dimethyl-p-toluidine 99-97-8	1-5	None	None	None
Talc 14807-96-6	0.1-1	2 mg/m <sup>3</sup> TWA particulate matter containing no asbestos and <1% crystalline silica	= 20 mppcf TWA	50 ppm

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

<b>Physical state:</b> Liquid	<b>HMIS:</b>	
<b>Color:</b> Yellow Opaque	<b>HEALTH:</b>	2*
<b>Odor:</b> Sharp	<b>FLAMMABILITY:</b>	3
	<b>PHYSICAL HAZARD:</b>	1
	<b>Personal Protection:</b>	See Section 8

**WARNING:** FLAMMABLE LIQUID AND VAPOR.  
 MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.  
 MAY CAUSE ALLERGIC SKIN REACTION.  
 MAY BE HARMFUL IF SWALLOWED.

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

### Potential Health Effects

**Inhalation:** Vapors may cause headaches, nausea, dizziness and respiratory tract irritation.  
**Skin contact:** May cause skin irritation. May cause allergic skin reaction.  
**Eye contact:** May cause irritation.  
**Ingestion:** May be harmful if swallowed.

**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>	Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.
<b>Eye contact:</b>	Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.
<b>Ingestion:</b>	Do not induce vomiting. Keep individual calm. Obtain medical attention.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	14°C (58°F)    Setaflash Closed cup
<b>Autoignition temperature:</b>	Not available
<b>Flammable/Explosive limits-lower %:</b>	Not available
<b>Flammable/Explosive limits-upper %:</b>	Not available
<b>Extinguishing media:</b>	Foam, dry chemical or carbon dioxide.
<b>Special fire fighting procedures:</b>	None
<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. Toxic fumes. Acrid smoke and fumes. Irritating organic vapors.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental precautions:</b>	Prevent product from entering drains or open waters.
<b>Clean-up methods:</b>	Remove all ignition sources. Ensure adequate ventilation. Soak up with inert absorbent. Store in a closed container until ready 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. During use and until all vapors are gone: Keep area ventilated - do not smoke; extinguish all flames, pilot lights, and heaters; turn off stoves, electrical tools and appliances, and any other sources of ignition. Make sure containers are properly grounded before use or transfer of material.
<b>Storage:</b>	Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use. For safe storage, store at or below 32°C (90°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>	Use local exhaust ventilation to maintain airborne concentrations below established exposure limits.
<b>Respiratory protection:</b>	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
<b>Skin protection:</b>	Chemical resistant, impermeable gloves. Nitrile gloves.
<b>Eye/face protection:</b>	Safety goggles or safety glasses with side shields.

**See Section 2 for exposure limits.**

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Liquid
Color:	Yellow Opaque
Odor:	Sharp
Vapor pressure:	Not available
pH:	Not applicable
Boiling point/range:	Not available
Melting point/range:	Not available
Specific gravity:	0.94
Vapor density:	Greater than 1
Evaporation rate:	Faster than ether
Solubility in water:	Completely miscible
Partition coefficient (n-octanol/water):	Not available
VOC content:	Not available

## 10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	May occur.
Hazardous decomposition products:	Oxides of carbon. Oxides of nitrogen. Toxic fumes. Irritating organic vapors. Smoke.
Incompatibility:	Oxidizing agents. Reducing agents. Acids. Bases.
Conditions to avoid:	See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10). Do not mix in batches greater than 100 grams (0.220 pounds) unless you plan to use immediately.

## 11. TOXICOLOGICAL INFORMATION

### Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Methyl methacrylate 80-62-6	No	No	No
Carboxy-terminated polybutadiene, glycidyl methacrylate diester 68649-04-7	No	No	No
Methacrylic acid 79-41-4	No	No	No
Synthetic rubber 9003-18-3	No	No	No
N,N-Dimethyl-p-toluidine 99-97-8	No	No	No
Talc 14807-96-6	No	No	No

### Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Methyl methacrylate 80-62-6	Allergen, Irritant, Kidney, Liver, Nervous System, Respiratory, Mutagen
Carboxy-terminated polybutadiene, glycidyl methacrylate diester 68649-04-7	Allergen, Irritant
Methacrylic acid 79-41-4	Allergen, Corrosive, Irritant
Synthetic rubber 9003-18-3	No Target Organs
N,N-Dimethyl-p-toluidine 99-97-8	Allergen, Mutagen
Talc 14807-96-6	Some evidence of carcinogenicity, Lung, Irritant

## 12. ECOLOGICAL INFORMATION

Ecological information: Not available

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Dispose of according to Federal, State and local governmental regulations.

EPA hazardous waste number: D001: Ignitable.

## 14. TRANSPORT INFORMATION

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

Proper shipping name: Adhesives  
Hazard class or division: 3  
Identification number: UN 1133  
Packing group: II  
Exceptions: Consumer Commodity ORM-D (Not more than 5 L)  
Marine pollutant: None

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

Proper shipping name: Adhesives  
Hazard class or division: 3  
Identification number: UN 1133  
Packing group: II  
Exceptions: May Qualify as Consumer Commodity ID8000 (Not more than 500 ml)

### WaterTransportation (IMO/IMDG):

Proper shipping name: Adhesives  
Hazard class or division: 3  
Identification number: UN1133  
Packing group: II  
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: None.

CERCLA/SARA Section 302 EHS: None above reporting de minimus.  
CERCLA/SARA Section 311/312: Immediate Health Hazard, Delayed Health Hazard, Fire  
CERCLA/SARA 313: This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 (40 CFR 372). Methyl Methacrylate (CAS# 80-62-6) .

California Proposition 65: This product contains a chemical known to the State of California to cause cancer.

### Canada Regulatory Information

CEPA DSL/NDSL Status: Contains one or more components listed on the Non-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: 2, 11, 15

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