



Revision Number: 002.0

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**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** LOCTITE H8110 SPEED 490ML PT B  
**Product type:** Acrylics  
**Company address:** Henkel Corporation  
 One Henkel Way  
 Rocky Hill, Connecticut 06067

**IDH number:** 1371367  
**Item number:** 1371361\_AB8110  
**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**

**Physical state:** Liquid  
**Color:** Blue  
**Odor:** Slight, Characteristic

**HEALTH:** \*2  
**FLAMMABILITY:** 1  
**PHYSICAL HAZARD:** 1  
**Personal Protection:** See MSDS Section 8

**WARNING:** ORGANIC PEROXIDE.  
 HAZARDOUS DECOMPOSITION MAY OCCUR.  
 MAY CAUSE ALLERGIC SKIN REACTION.  
 MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

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

**Potential Health Effects**

**Inhalation:** May cause respiratory tract irritation.  
**Skin contact:** May cause allergic skin reaction. May cause skin irritation.  
**Eye contact:** This product may cause irritation to the eyes.  
**Ingestion:** May cause gastrointestinal disturbances. Vomiting.

**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	%
Benzoyl peroxide	94-36-0	10 - 30
Epoxy resin	Proprietary	10 - 30
Benzyl butyl phthalate	85-68-7	10 - 30

**4. FIRST AID MEASURES**

**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. 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 footwear. If symptoms develop and persist, get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.
<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 unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

## 5. FIRE FIGHTING MEASURES

<b>Flash point:</b>	> 93 °C (> 199.4 °F) Pensky Martens 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 firefighting procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
<b>Unusual fire or explosion hazards:</b>	Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. Danger of decomposition if exposed to heat.
<b>Hazardous combustion products:</b>	Oxides of carbon. Toxic fumes. Irritating vapors.

## 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>	Do not allow product to enter sewer or waterways.
<b>Clean-up methods:</b>	Remove all sources of ignition. Ensure adequate ventilation. Wear appropriate personal protective equipment. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up spilled material and place in a closed container for disposal.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Keep away from heat, spark and flame. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Use only with adequate ventilation. Keep container closed.
<b>Storage:</b>	For safe storage, store at or below 38 °C (100.4 °F) Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Keep away from heat, spark and flame. Protect from direct sunlight.

**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
Benzoyl peroxide	5 mg/m3 TWA	5 mg/m3 TWA	None	None
Epoxy resin	None	None	None	None
Benzyl butyl phthalate	None	None	None	None

**Engineering controls:** Use local ventilation if general ventilation is insufficient to maintain vapor concentration below established exposure limits.

**Respiratory protection:** Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

**Eye/face protection:** Safety goggles or safety glasses with side shields.

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

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Physical state:** Liquid  
**Color:** Blue  
**Odor:** Slight, Characteristic  
**Odor threshold:** Not available.  
**pH:** Not available.  
**Vapor pressure:** Not available.  
**Boiling point/range:** Not available.  
**Melting point/ range:** Not available.  
**Specific gravity:** 1.1674  
**Vapor density:** Not available.  
**Flash point:** > 93 °C (> 199.4 °F) Pensky Martens closed cup  
**Flammable/Explosive limits - lower:** Not available.  
**Flammable/Explosive limits - upper:** Not available.  
**Autoignition temperature:** Not available.  
**Evaporation rate:** Not available.  
**Solubility in water:** Not available.  
**Partition coefficient (n-octanol/water):** Not available.  
**VOC content:** 3.04 %

## 10. STABILITY AND REACTIVITY

**Stability:** Stable under normal conditions of storage and use.

**Hazardous reactions:** May occur.

**Hazardous decomposition products:** Oxides of carbon. Toxic fumes. Irritating vapors.

**Incompatible materials:** Oxidizing agents. Acids. Bases.

**Conditions to avoid:** Keep away from heat, ignition sources and incompatible materials. Protect from direct sunlight. Do not mix in batches greater than 100 grams (0.22 pounds) unless you plan to use immediately.

## 11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Benzoyl peroxide	No	No	No
Epoxy resin	No	No	No
Benzyl butyl phthalate	No	No	No

Hazardous components	Health Effects/Target Organs
Benzoyl peroxide	Allergen, Irritant, Mutagen
Epoxy resin	Allergen, Irritant
Benzyl butyl phthalate	Blood, Central nervous system, Irritant, Kidney, Liver, Pancreas, Reproductive

## 12. ECOLOGICAL INFORMATION

**Ecological information:** Not available.

## 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

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

**Proper shipping name:** Organic peroxide type F, liquid (Dibenzoyl peroxide [as a stable dispersion in water])  
**Hazard class or division:** 5.2  
**Identification number:** UN 3109  
**Packing group:** II  
**Marine pollutant:** Butyl-benzyl-phthalate  
**DOT Reportable quantity:** Butyl benzyl phthalate

### International Air Transportation (ICAO/IATA)

**Proper shipping name:** Organic peroxide type F, liquid (DIBENZOYL PEROXIDE)  
**Hazard class or division:** 5.2 (HEAT)  
**Identification number:** UN 3109  
**Packing group:** None

### Water Transportation (IMO/IMDG)

**Proper shipping name:** ORGANIC PEROXIDE TYPE F, LIQUID (DIBENZOYL PEROXIDE) (Butyl-benzyl-phthalate)  
**Hazard class or division:** 5.2  
**Identification number:** UN 3109  
**Packing group:** None  
**Marine pollutant:** Butyl-benzyl-phthalate

## 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 above reporting de minimus

**CERCLA/SARA Section 302 EHS:** None above reporting de minimus  
**CERCLA/SARA Section 311/312:** Immediate Health, Delayed Health, Reactive  
**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). Benzoyl peroxide (CAS# 94-36-0).  
 Benzyl butyl phthalate (CAS# 85-68-7) 100 lbs. (45.4 kg)

**CERCLA Reportable quantity:** Benzyl butyl phthalate (CAS# 85-68-7) 100 lbs. (45.4 kg)

**California Proposition 65:** This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

**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:** C, D.2.A, D.2.B

**16. OTHER INFORMATION**

**This material safety data sheet contains changes from the previous version in sections: 1,2,4,5,6,7,8,10,13,14**

**Prepared by:** Rena Petrides, Regulatory Affairs Specialist

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