

Revision Date: 08/22/2007

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## 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** FIXMASTER ANC BLT GRT HP 11OZ B  
**Product type:** Epoxy Hardener  
**Company address:**  
 Henkel Corporation  
 1001 Trout Brook Crossing  
 Rocky Hill, Connecticut 06067

**Item No. :** 1108395\_210477 / IDH No. 1108395  
**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>
Amine adduct 68082-29-1	30-60	None	None	None
Benzyl alcohol 100-51-6	10-30	None	None	10 ppm TWA (WEEL)
N-(2-Aminoethyl)piperazine 140-31-8	10-30	None	None	None
Nonylphenol 84852-15-3	10-30	None	None	None
Ethylene glycol 107-21-1	1-5	100 mg/m <sup>3</sup> Ceiling	None	None

## 3. HAZARDS IDENTIFICATION

### EMERGENCY OVERVIEW

**Physical state:** Paste  
**Color:** Black  
**Odor:** Slight, Amine

#### HMIS:

**HEALTH:** 3\*  
**FLAMMABILITY:** 1  
**PHYSICAL HAZARD:** 0  
**Personal Protection:** See Section 8

**DANGER:** MAY CAUSE EYE AND SKIN BURNS.  
 MAY CAUSE ALLERGIC SKIN REACTION.  
 MAY CAUSE EYE, SKIN AND RESPIRATORY TRACT IRRITATION.

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

### Potential Health Effects

**Inhalation:** Inhalation of vapors from heated material may cause irritation.  
**Skin contact:** Causes skin burns. Severe skin irritation. May cause allergic skin reaction.  
**Eye contact:** May cause eye burns.  
**Ingestion:** May cause burns of mouth and throat if swallowed.

**Existing conditions aggravated by exposure:** Eye disorders. Skin disorders. Respiratory disorders.

See Section 11 for additional toxicological information.

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Skin contact:</b>	Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and shoes. Get medical attention. Wash clothing before reuse.
<b>Eye contact:</b>	Flush eye(s) immediately with plenty of water. Get medical attention.
<b>Ingestion:</b>	Do not induce vomiting or give anything by mouth because this material can enter the lungs and severe lung damage. Never give anything by mouth to an unconscious person. Get medical attention immediately.
<b>Notes to physician:</b>	None.

#### 5. FIRE-FIGHTING MEASURES

<b>Flash point:</b>	Greater than 93°C (200°F)
<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>	Water spray (fog), foam, dry chemical or carbon dioxide.
<b>Special fire fighting procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. Use water spray to keep fire exposed containers cool.
<b>Unusual fire or explosion hazards:</b>	None
<b>Hazardous combustion products:</b>	Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Environmental precautions:</b>	Do not allow material to contaminate ground water system. Prevent product from entering drains or open waters.
<b>Clean-up methods:</b>	Remove all sources of ignition. Ensure adequate ventilation. Wear suitable respiratory protection. Soak up with inert absorbent. Scrape up spilled material and place in a closed container for disposal.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Do not get in eyes. Do not get on skin or clothing. Do not taste or swallow. Avoid breathing vapor. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.
<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.
<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).
<b>Skin protection:</b>	Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact. Neoprene, Butyl-rubber, or nitrile-rubber gloves.
<b>Eye/face protection:</b>	Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists.

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## 9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state:	Paste
Color:	Black
Odor:	Slight, Amine
Vapor pressure:	Not available
pH:	Not applicable
Boiling point/range:	Not determined
Melting point/range:	Not available
Specific gravity:	1.0
Vapor density:	Not determined
Evaporation rate:	Not available
Solubility in water:	Insoluble.
Partition coefficient (n-octanol/water):	Not available
VOC content:	7.84 g/L (value as mixed for use)

## 10. STABILITY AND REACTIVITY

Stability:	Stable.
Hazardous polymerization:	Will not occur.
Hazardous decomposition products:	Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.
Incompatibility:	Acids. Strong oxidizing agents.
Conditions to avoid:	Storage with incompatible materials. High temperatures. Exposure to moisture. Contamination with water.

## 11. TOXICOLOGICAL INFORMATION

### Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Amine adduct 68082-29-1	No	No	No
Benzyl alcohol 100-51-6	No	No	No
N-(2-Aminoethyl)piperazine 140-31-8	No	No	No
Nonylphenol 84852-15-3	No	No	No
Ethylene glycol 107-21-1	No	No	No

### Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Amine adduct 68082-29-1	No Records
Benzyl alcohol 100-51-6	Allergen, Central nervous system, Corrosive, Irritant
N-(2-Aminoethyl)piperazine 140-31-8	Irritant, Corrosive, Allergen
Nonylphenol 84852-15-3	Irritant, Corrosive
Ethylene glycol 107-21-1	Blood, Bone Marrow, Central nervous system, Developmental, Eyes, Irritant, Kidney, Liver, Metabolic

## 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 according to Federal, State and local governmental regulations.

**EPA hazardous waste number:** Not a RCRA hazardous waste.

### 14. TRANSPORT INFORMATION

The shipping classifications in this section are for non-bulk packaging only (unless otherwise specified). Shipping classification may be different for bulk packaging.

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

**Proper shipping name:** CORROSIVE LIQUID, N.O.S. ( Nonylphenol , Aminoethylpiperazine )  
**Hazard class or division:** 8  
**Identification number:** UN 1760  
**Packing group:** III  
**Exceptions:** (Not more than 5 L) Consumer Commodity ORM-D

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

**Proper shipping name:** Corrosive liquid, n.o.s. ( Nonylphenol , Aminoethylpiperazine )  
**Hazard class or division:** 8  
**Identification number:** UN1760  
**Packing group:** III

**Water Transportation (IMO/IMDG):**

**Proper shipping name:** Corrosive liquid, n.o.s. ( Nonylphenol , Aminoethylpiperazine )  
**Hazard class or division:** 8  
**Identification number:** UN1760  
**Packing group:** III

### 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.  
**CERCLA/SARA Section 311/312:** Immediate Health Hazard, Delayed Health Hazard  
**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). Ethylene glycol (CAS# 107-21-1) .

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

### 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: First issue.

**Prepared by:** Gary Pierson, Sr. Product Safety and Regulatory Affairs Specialist

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