

Revision Date: 07/13/2007

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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

**Product name:** Loctite 3060 Magnet Bonder Part A  
**Product type:** Anaerobic  
**Company address:**  
 Henkel Corporation  
 1001 Trout Brook Crossing  
 Rocky Hill, Connecticut 06067

**Item No. :** X-309336-1A  
**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>
Polyurethane methacrylate resin PROPRIETARY	30-60	None	None	None
Hydroxyalkyl methacrylate 868-77-9	10-30	None	None	3 ppm (ceiling)
Acrylate monomer Proprietary	10-30	None	None	None
Substituted Maleimide Proprietary	10-30	None	None	None
High boiling methacrylate Proprietary	5-10	None	None	None
Polyurethane methacrylate resin PROPRIETARY	5-10	None	None	None
Treated fumed silica 67762-90-7	1-5	10mg/m <sup>3</sup> Inhalable fraction, 3mg/m <sup>3</sup> Respirable fraction, TWA	5mg/m <sup>3</sup> Respirable dust, 15mg/m <sup>3</sup> Total dust	None
Hydroxyalkyl methacrylate 27813-02-1	1-5	None	None	1 ppm TWA; 3 ppm STEL

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

##### HMIS:

**Physical state:** Liquid  
**Color:** Light yellow  
**Odor:** Mild

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

**WARNING:** CAUSES EYE, SKIN AND RESPIRATORY TRACT IRRITATION  
 MAY CAUSE ALLERGIC SKIN REACTION.  
 MAY BE HARMFUL IF SWALLOWED, ABSORBED THROUGH SKIN OR INHALED.

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

#### Potential Health Effects

**Item No. :** X-309336-1A

**Product name:** Loctite 3060 Magnet Bonder Part A

**Inhalation:** May cause irritation to nose and throat. May be toxic if inhaled.  
**Skin contact:** Irritating to skin. May cause allergic skin reaction.  
**Eye contact:** Vapors may irritate eyes. Contact with eyes will cause irritation.  
**Ingestion:** May be harmful if swallowed. May cause gastrointestinal tract irritation if swallowed.

**Existing conditions aggravated by exposure:** Skin disorders. Eye 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:** Wash with soap and water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur.

**Eye contact:** Flush with copious amounts of water, preferably, lukewarm water for at least 15 minutes, holding eyelids open all the time. Get medical attention.

**Ingestion:** Do not induce vomiting. Keep individual calm. Obtain medical attention.

#### 5. FIRE-FIGHTING MEASURES

**Flash point:** Not available.

**Autoignition temperature:** Not available

**Flammable/Explosive limits-lower %:** Not available

**Flammable/Explosive limits-upper %:** Not available

**Extinguishing media:** Foam, dry chemical or carbon dioxide.

**Special fire fighting procedures:** Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

**Unusual fire or explosion hazards:** None

**Hazardous combustion products:** Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.

#### 6. ACCIDENTAL RELEASE MEASURES

**Environmental precautions:** Prevent product from entering drains or open waters.

**Clean-up methods:** Ensure adequate ventilation. Soak up with inert absorbent. Store in a partly filled, closed container until disposal.

## 7. HANDLING AND STORAGE

<b>Handling:</b>	Avoid contact with eyes, skin and clothing. Avoid breathing vapor and mist. Wash thoroughly after handling.
<b>Storage:</b>	For safe storage, store at or below 38°C (100°F). 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>	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>	Use impermeable gloves and protective clothing as necessary to prevent skin contact. Neoprene gloves.
<b>Eyeface protection:</b>	Safety goggles or safety glasses with side shields.

See Section 2 for exposure limits.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Color:</b>	Light yellow
<b>Odor:</b>	Mild
<b>Vapor pressure:</b>	Not available
<b>pH:</b>	Not applicable
<b>Boiling point/range:</b>	Greater than 149°C (300°F)
<b>Melting point/range:</b>	Not available
<b>Specific gravity:</b>	Approximately 1.1
<b>Vapor density:</b>	Not available
<b>Evaporation rate:</b>	Not available
<b>Solubility in water:</b>	Slight
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>VOC content:</b>	Not available

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable.
<b>Hazardous polymerization:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	Oxides of carbon. Oxides of nitrogen. Irritating organic vapors.
<b>Incompatibility:</b>	Strong oxidizers. Reducing agents. Acids. Bases. Amines. Free radical initiators. Peroxides.
<b>Conditions to avoid:</b>	Exposure to sunlight. Heat, flames and sparks. See "Handling and Storage" (Section 7) and "Incompatibility" (Section 10).

## 11. TOXICOLOGICAL INFORMATION

### Carcinogen Status

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen
Polyurethane methacrylate resin PROPRIETARY	No	No	No
Hydroxyalkyl methacrylate 868-77-9	No	No	No
Acrylate monomer Proprietary	No	No	No
Substituted Maleimide Proprietary	No	No	No
High boiling methacrylate Proprietary	No	No	No
Polyurethane methacrylate resin PROPRIETARY	No	No	No
Treated fumed silica 67762-90-7	No	No	No
Hydroxyalkyl methacrylate 27813-02-1	No	No	No

#### Literature Referenced Target Organ & Other Health Effects

Hazardous components	Health Effects/Target Organs
Polyurethane methacrylate resin PROPRIETARY	Allergen, Irritant
Hydroxyalkyl methacrylate 868-77-9	Allergen, Irritant
Acrylate monomer Proprietary	Allergen, Irritant
Substituted Maleimide Proprietary	No Target Organs
High boiling methacrylate Proprietary	Allergen, Irritant
Polyurethane methacrylate resin PROPRIETARY	Allergen, Irritant
Treated fumed silica 67762-90-7	Irritant
Hydroxyalkyl methacrylate 27813-02-1	Allergen, 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:** 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:** Unrestricted  
**Hazard class or division:** None  
**Identification number:** None

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**Product name:** Loctite 3060 Magnet Bonder Part A

Packing group: None

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

Proper shipping name: Unrestricted  
Hazard class or division: None  
Identification number: None  
Packing group: None

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

Proper shipping name: Unrestricted  
Hazard class or division: None  
Identification number: None  
Packing group: None  
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  
**CERCLA/SARA 313:** None above reporting de minimus.

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

**Canada Regulatory Information**

**CEPA DSL/NDSL Status:** One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-Domestic Substances List.  
**WHMIS hazard class:** 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:** Kyra Kozak Woods, Manager, Regulatory Affairs

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