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### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

<b>Product name:</b> Speedbonder H3000	<b>Item No. :</b> 83001_PART A
<b>Product type:</b> Acrylics	<b>Region:</b> United States
<b>Company address:</b> Henkel Corporation 1001 Trout Brook Crossing Rocky Hill, Connecticut 06067	<b>Contact Information:</b> 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	100 ppm STEL 50 ppm TWA	100 ppm TWA 410 mg/m <sup>3</sup> TWA	50 ppm
Polyethylene based rubber Proprietary	10-30	None	None	None
Nepheline syenite 37244-96-5	5-10	None	None	None
Methacrylic acid 79-41-4	1-5	20 ppm TWA	None	None
2,6-Di-t-butyl-p-cresol 128-37-0	1-5	2 mg/m <sup>3</sup> TWA inhalable fraction and vapor	None	None
Talc 14807-96-6	0.1-1	2 mg/m <sup>3</sup> TWA respirable fraction, particulate matter containing no asbestos and < 1% crystalline silica	= 20 mppcf TWA	50 ppm

### 3. HAZARDS IDENTIFICATION

#### EMERGENCY OVERVIEW

##### HMIS:

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

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

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

#### Potential Health Effects

<b>Inhalation:</b>	Vapors may cause headaches, nausea, dizziness and respiratory tract irritation.
<b>Skin contact:</b>	Irritating to skin. May cause allergic skin reaction.
<b>Eye contact:</b>	Vapors may irritate eyes. Contact with eyes will cause irritation.
<b>Ingestion:</b>	May be harmful if swallowed. Ingestion causes irritation and effects similar to inhalation.

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**Existing conditions aggravated by exposure:**

Eye, skin, and respiratory 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:** 14°C (58°F) Setaflash Closed cup

**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:** Vapors may accumulate in low or confined areas, travel considerable distance to source of ignition, and flash back.

**Hazardous combustion products:** Oxides of carbon. Oxides of nitrogen. Hydrogen cyanide. Aldehydes. Toxic fumes. Acrid smoke and fumes. Irritating organic vapors.

#### 6. ACCIDENTAL RELEASE MEASURES

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

**Clean-up methods:** 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

**Handling:** 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.

**Storage:** 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).

**Incompatible products:** 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

<b>Physical state:</b>	Liquid
<b>Color:</b>	White Opaque
<b>Odor:</b>	Sharp
<b>Vapor pressure:</b>	28 mmHg @20°C (68° F)
<b>pH:</b>	Not applicable
<b>Boiling point/range:</b>	Greater than 100°C (212°F)
<b>Melting point/range:</b>	Not available
<b>Specific gravity:</b>	1.06
<b>Vapor density:</b>	Greater than 1
<b>Evaporation rate:</b>	Faster than ether
<b>Solubility in water:</b>	Slight
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>VOC content:</b>	9.01%; 95.5 grams/liter (Adhesive and Activator mixed)

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable.
<b>Hazardous polymerization:</b>	May occur.
<b>Hazardous decomposition products:</b>	Oxides of carbon. Oxides of nitrogen. Hydrogen cyanide. Aldehydes. Alcohols. Carbon tetrachloride. Styrene. Acrolein. Acetophenone. Ethylbenzene. Cumene. 4-Vinyl cyclohexene. Phenols. Irritating organic vapors. Toxic fumes. Smoke.
<b>Incompatibility:</b>	Oxidizing agents. Reducing agents. Acids. Bases.
<b>Conditions to avoid:</b>	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
Polyethylene based rubber Proprietary	No	No	No
Nepheline syenite 37244-96-5	No	No	No
Methacrylic acid 79-41-4	No	No	No
2,6-Di-t-butyl-p-cresol 128-37-0	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
Polyethylene based rubber Proprietary	No Target Organs
Nepheline syenite 37244-96-5	No Target Organs
Methacrylic acid 79-41-4	Allergen, Corrosive, Irritant
2,6-Di-t-butyl-p-cresol 128-37-0	Mutagen, Irritant
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)

### Water Transportation (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

<b>TSCA 8 (b) Inventory Status:</b>	All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory.
<b>TSCA 12 (b) Export Notification:</b>	4-Methoxyphenol (150-76-5).
<b>CERCLA/SARA Section 302 EHS:</b>	None above reporting de minimus.
<b>CERCLA/SARA Section 311/312:</b>	Immediate Health Hazard, Delayed Health Hazard, Fire
<b>CERCLA/SARA 313:</b>	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) .
<b>California Proposition 65:</b>	This product contains a chemical known to the State of California to cause cancer.

### Canada Regulatory Information

<b>CEPA DSL/NDSL Status:</b>	All components are listed on or are exempt from listing on the Domestic Substances List.
<b>WHMIS hazard class:</b>	B.2, D.2.A, D.2.B

## 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: 14

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