



Revision Number: 001.1

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**1. PRODUCT AND COMPANY IDENTIFICATION**

**Product name:** SPEEDBONDER H3151 400 ML PART A  
**Product type:** Acrylics  
**Company address:** Henkel Corporation  
 1001 Trout Brook Crossing  
 Rocky Hill, Connecticut 06067

**IDH number:** 702101  
**Item number:** 83014\_193255  
**Region:** United States  
**Contact information:**  
 Telephone: 860.571.5100  
 Emergency telephone: 860.571.5100  
 Internet: www.henkelna.com

**2. HAZARDS IDENTIFICATION**

**EMERGENCY OVERVIEW**

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

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

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

**Potential Health Effects**

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

**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	%
Methyl methacrylate	80-62-6	30 - 60
Chlorosulphonated polyethylene	68037-39-8	10 - 30
CP Acrylnitrile-butadiene-styrene	9003-56-9	10 - 30
2-Hydroxyethyl methacrylate	868-77-9	10 - 30
Methacrylic acid	79-41-4	1 - 5
Methacrylate ester	52628-03-2	1 - 5
Talc	14807-96-6	0.1 - 1
Carbon tetrachloride	56-23-5	0.1 - 1

#### 4. FIRST AID MEASURES

<b>Inhalation:</b>	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
<b>Skin contact:</b>	Wash with soap and water. Remove contaminated clothing and footwear. Wash clothing before reuse. If symptoms develop and persist, get medical attention.
<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. Never give anything by mouth to an unconscious person. Keep individual calm. Get medical attention.

#### 5. FIRE FIGHTING MEASURES

<b>Flash point:</b>	14 °C (57.2 °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 firefighting procedures:</b>	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
<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. Oxides of sulfur. Hydrogen cyanide. Hydrogen chloride. Acids. Aldehydes. Alcohols. Toxic fumes. Acrid smoke and fumes. Irritating organic vapours.

#### 6. ACCIDENTAL RELEASE MEASURES

<b>Use personal protection recommended in Section 8, isolate the hazard area and deny entry to unnecessary and unprotected personnel.</b>	
<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. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a partly filled, closed container until disposal.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	Prevent contact with eyes, skin and clothing. Do not breathe 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>	For safe storage, store at or below 32 °C (89.6 °F) Keep in a cool, well ventilated area away from heat, sparks and open flame. Keep container tightly closed until ready for use.

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
Methyl methacrylate	50 ppm TWA 100 ppm STEL (Sensitizer.)	100 ppm (410 mg/m <sup>3</sup> ) TWA	None	50 ppm
Chlorosulphonated polyethylene	None	None	None	None
CP Acrylnitrile-butadiene-styrene	None	None	None	None
2-Hydroxyethyl methacrylate	None	None	None	3 ppm Ceiling
Methacrylic acid	20 ppm TWA	None	None	None
Methacrylate ester	None	None	None	None
Talc	2 mg/m <sup>3</sup> TWA Respirable fraction.	20 MPPCF TWA 2.4 MPPCF TWA Respirable. 0.1 mg/m <sup>3</sup> TWA Respirable. 0.3 mg/m <sup>3</sup> TWA Total dust.	None	50 ppm
Carbon tetrachloride	5 ppm TWA 10 ppm STEL (SKIN)	10 ppm TWA 25 ppm Ceiling 200 ppm MAX. CONC 5 minutes in any 4 hours	None	None

**Engineering controls:**

Provide adequate local exhaust ventilation to maintain worker exposure below 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:**

Chemical resistant, impermeable gloves. Neoprene, Butyl-rubber, or nitrile-rubber gloves.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Paste
<b>Color:</b>	White, Opaque
<b>Odor:</b>	Sharp
<b>Odor threshold:</b>	Not available
<b>pH:</b>	Not available
<b>Vapor pressure:</b>	28 mm hg (20 °C (68°F))
<b>Boiling point/range:</b>	> 100 °C (> 212°F)
<b>Melting point/ range:</b>	Not available
<b>Specific gravity:</b>	1.01
<b>Vapor density:</b>	> 1
<b>Flash point:</b>	14 °C (57.2 °F) Setaflash Closed Cup
<b>Flammable/Explosive limits - lower:</b>	Not available
<b>Flammable/Explosive limits - upper:</b>	Not available
<b>Autoignition temperature:</b>	Not available
<b>Evaporation rate:</b>	Faster than ether., (Ether = 1)
<b>Solubility in water:</b>	Slight
<b>Partition coefficient (n-octanol/water):</b>	Not available
<b>VOC content:</b>	0.28 %; 2.65 g/l Estimated

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable
<b>Hazardous reactions:</b>	May occur.
<b>Hazardous decomposition products:</b>	Oxides of carbon. Oxides of nitrogen. Oxides of sulfur. Hydrogen cyanide. Hydrogen chloride. Acids. Aldehydes. Alcohols. Carbon tetrachloride. Styrene. Acrolein. Acetophenone. Ethylbenzene. Cumene. 4-Vinyl cyclohexene. Phenolics. Irritating organic vapours. Toxic fumes. Smoke.
<b>Incompatible materials:</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 (0.22 pounds) unless you plan to use immediately.

## 11. TOXICOLOGICAL INFORMATION

Hazardous components	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Methyl methacrylate	No	No	No
Chlorosulphonated polyethylene	No	No	No
CP Acrylnitrile-butadiene-styrene	No	No	No
2-Hydroxyethyl methacrylate	No	No	No
Methacrylic acid	No	No	No
Methacrylate ester	No	No	No
Talc	No	No	No
Carbon tetrachloride	Anticipated carcinogen.	Group 2B	No

Hazardous components	Health Effects/Target Organs
Methyl methacrylate	Allergen, Irritant, Kidney, Liver, Mutagen, Nervous System, Respiratory
Chlorosulphonated polyethylene	No Target Organs
CP Acrylnitrile-butadiene-styrene	No Target Organs
2-Hydroxyethyl methacrylate	Irritant, Allergen
Methacrylic acid	Corrosive, Irritant, Allergen
Methacrylate ester	Irritant, Allergen
Talc	Irritant, Lung, Some evidence of carcinogenicity
Carbon tetrachloride	Cardiac, Central nervous system, Irritant, Kidney, Liver, Some evidence of carcinogenicity

## 12. ECOLOGICAL INFORMATION

<b>Ecological information:</b>	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.  
**Hazardous waste number:** D001: Ignitable. D019: Carbon tetrachloride.

### 14. TRANSPORT INFORMATION

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

**Proper shipping name:** Adhesives (Up to 55 gallons max per inner/primary package when shipped as originally packaged only)  
**Hazard class or division:** 3  
**Identification number:** UN 1133  
**Packing group:** II  
**DOT Reportable quantity:** Methyl methacrylate, Carbon tetrachloride  
**Exceptions:** (Not more than 5 L), ORM-D, Consumer Commodity

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

**Proper shipping name:** Adhesives (Up to 55 gallons max per inner/primary package when shipped as originally packaged only)  
**Hazard class or division:** 3  
**Identification number:** UN 1133  
**Packing group:** II  
**Exceptions:** (Not more than 500 ml), ID8000, May Qualify as Consumer Commodity

#### Water Transportation (IMO/IMDG)

**Proper shipping name:** ADHESIVES (Up to 55 gallons max per inner/primary package when shipped as originally packaged only)  
**Hazard class or division:** 3  
**Identification number:** UN 1133  
**Packing group:** II

### 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, 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). Carbon tetrachloride (CAS# 56-23-5).  
**CERCLA Reportable quantity:** Methyl methacrylate (CAS# 80-62-6) 1,000 lbs. (454 kg)  
Carbon tetrachloride (CAS# 56-23-5) 10 lbs. (4.54 kg)  
**California Proposition 65:** This product contains a chemical known in the State of California to cause cancer.

#### Canada Regulatory Information

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

### 16. OTHER INFORMATION

This material safety data sheet contains changes from the previous version in sections: New Material Safety Data Sheet format.

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