





Safety Data Sheet



Revision Number: 008.0

Issue date: 04/24/2019

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:

Product type/use: Anaerot Restriction of Use: None ide Company address: Henkel Corporation One Henkel Way Rocky Hill, Connecticut 06067

LOCTITE AA 325 known as LOCTITE SPEEDBONDER 325 50ML Anaerobic Adhesive None identified IDH number:135401Item number:32530Region:United StatesContact information:Telephone: +1 (860) 571-5100MEDICAL EMERGENCYPhone: Poison Control Center1-877-671-4608 (toll free) or 1-303-592-1711TRANSPORT EMERGENCYPhone: CHEMTREC1-800-424-9300 (toll free) or 1-703-527-3887Internet: w ww.henkelna.com

2. HAZARDS IDENTIFICATION

	EMERGENCY OVERVIEW
DANGER:	CAUSES SKIN IRRITATION.
	MAY CAUSE AN ALLERGIC SKIN REACTION.
	CAUSES SERIOUS EYE DAMAGE.
	MAY CAUSE ALLERGY OR ASTHMA SYMPTOMS OR BREATHING
	DIFFICULTIES IF INHALED.
	SUSPECTED OF CAUSING CANCER.

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
SERIOUS EYE DAMAGE	1
RESPIRATORY SENSITIZATION	1
SKIN SENSITIZATION	1
CARCINOGENICITY	2



Precautionary Statements

Prevention:	Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid breathing vapors, mist, or spray. Wash affected area thoroughly after handling. Contaminated w ork clothing should not be allow ed out of the w orkplace. Wear protective gloves, clothing, eye and face protection. In case of inadequate ventilation w ear respiratory protection.
Response:	IF ON SKIN: Wash with plenty of water. IF INHALED: If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention. If skin irritation or rash occurs: Get medical attention. Take off contaminated clothing.
Storage:	Store locked up.
Disposal:	Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Classification complies with OSHA Hazard Communication Standard (29 CFR 1910.1200) and is consistent with the provisions of the United Nations Globally Harmonized System of Classification and Labeling of Chemicals (GHS).

See Section 11 for additional toxicological information.

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CASNumber	Percentage*	
Toluene diisocyanate, poly (disubstituted alkene) hydroxypropyl methacrylate, propane derivative resin		30 - 60	
Polyglycol dimethacrylate	109-16-0	10 - 30	
Hydroxyalkyl methacrylate	27813-02-1	10 - 30	
Acrylic acid	79-10-7	1-5	
Saccharin	81-07-2	1-5	
Tert-butyl perbenzoate	614-45-9	1-5	
Cumene hydroperoxide	80-15-9	0.1 - 1	
Methacrylic acid	79-41-4	0.1 - 1	
Toluene-2,6-diisocyanate	91-08-7	0.1 - 1	
Cumene	98-82-8	0.1 - 1	

* Exact percentages may vary or are trade secret. Concentration range is provided to assist users in providing appropriate protections.

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Inhalation:	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.
Skin contact:	Immediately flush skin w ith plenty of w ater (using soap, if available). Remove contaminated clothing and footwear. Wash clothing before reuse. Get medical attention.
Eye contact:	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
Ingestion:	Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention.
Symptoms:	See Section 11.
5. FIRI	E FIGHTING MEASURES
Extinguishing media:	Water spray (fog), foam, dry chemical or carbon dioxide.
Special fire fighting procedures:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear. In case of fire, keep containers cool with water spray.
Unusual fire or explosion hazards:	Uncontrolled polymerization may occur at high temperatures resulting in explosions or rupture of storage containers.
Hazardous combustion products:	Oxides of carbon. Oxides of nitrogen. Irritating organic vapours.

6. ACCIDENTAL RELEASE MEASURES

Use personal protection recommended in Section 8, is olate the hazard area and deny entry to unnecessary and unprotected personnel.

Environmental precautions:

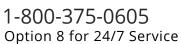
Do not allow product to enter sew er or waterways.

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Clean-up methods:

Remove all sources of ignition. Evacuate and ventilate spill area; dike spill to prevent entry into water system; wearfull protective equipment during cleanup. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, saw dust). Scrape up as much material as possible. Store in a partly filled, closed container until disposal. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up.

7. HANDLING AND STORAGE

Handling:

Use only with adequate ventilation. Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Keep container closed. Refer to Section 8.

Storage:

For safe storage, store at or below 38 °C (100.4 °F) Keep in a cool, w ell ventilated area aw ay fromheat, sparks and open flame. Keep container tightly closed until ready for use.

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 Component(s)	ACGIH TLV	osha pel	AIHA WEEL	OTHER
Toluene diisocyanate, poly (disubstituted alkene) hydroxypropyl methacrylate, propane derivative resin	None	None	None	None
Polyglycol dimethacrylate	None	None	None	None
Hydroxyalkyl methacrylate	None	None	None	1 ppm TWA 3 ppm STEL
Acrylic acid	2 ppm TWA (SKIN)	None	None	1 ppm TWA 3 ppm STEL (SKIN)
Saccharin	None	None	None	None
Tert-butyl perbenzoate	None	None	None	None
Cumene hydroperoxide	None	None	1 ppm (6 mg/m3) TWA (SKIN)	None
Methacrylic acid	20 ppm TWA	None	None	None
Toluene-2,6-diisocyanate	0.005 ppm STEL Inhalable fraction and vapor. (SKIN) Inhalable fraction and vapor. 0.001 ppm TWA Inhalable fraction and vapor. (Dermal sensitization) (Respiratory sensitization)	None	None	None
Cumene	50 ppm TWA	50 ppm (245 mg/m3) PEL (SKIN)	None	None

Engineering controls:

Respiratory protection:

Eye/face protection:

Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.

Use NIOSH approved respirator if there is potential to exceed exposure ${\sf limit}(s).$

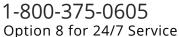
Safety goggles or safety glasses with side shields. Full face protection should be used if the potential for splashing or spraying of product exists. Safety show ers and eye wash stations should be available.

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Skin protection:

Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact. Neoprene gloves. Butyl rubber gloves. Natural rubber gloves.

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Color: Odor threshold: pH: Vapor pressure: Boiling point/range: Melting point/range: Specific gravity: Vapor density: Flash point: Flam mable/Explosive limits - low er: Flam mable/Explosive limits - low er: Flam mable/Explosive limits - upper: Autoignition temperature: Flam mability: Evaporation rate: Solubility in water: Partition coefficient (n-octanol/water): VOC content:	Liquid Light yellow Sharp Not available. $< 10 \text{ mm hg } (25 \degree C (77\degree F))$ $> 100 \degree C (> 212\degree F)$ Not available. 1.1 Not available. $> 100 \degree C (> 212\degree F)$ Tagliabue closed cup 2% (Acrylic Acid) 8% (Acrylic Acid) 8% (Acrylic Acid) Not available. Not applicable Not available. Slight Not available. 2.18%; 20.85 g/l
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Viscosity:	Not available.
Decomposition temperature:	Not available.

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and use.
Hazardous reactions:	None under normal processing. Polymerization may occur at elevated temperature or in the presence of incompatible materials.
Hazardous decomposition products:	Oxides of carbon. Oxides of nitrogen. Irritating organic vapours.
Incompatible materials:	Strong oxidizing agents. Reducing agents. Acids. Bases. Heavy metals. Free radical initiators. Alkalis. Amines.
Reactivity:	Not available.
Conditions to avoid:	Keep aw ay from heat, spark and flame. Store aw ay from incompatible materials. Protect from direct sunlight. Avoid moisture.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure:

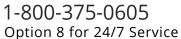
Skin, Inhalation, Eyes, Ingestion

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Potential Health Effects/Symptoms

Inhalation:

Ingestion:

May cause irritation to nose and throat. Inhalation of vapors or mists of the product may be irritating to the respiratory system. Causes skin irritation. May cause allergic skin reaction. Skin contact: Eye contact: Causes serious eye damage. May cause gastrointestinal tract irritation if sw allowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Toluene diisocyanate, poly (disubstituted alkene) hydroxypropyl methacrylate, propane derivative resin	None	No Data
Polyglycol dimethacrylate	None	Irritant, Allergen
Hydroxyalkyl methacrylate	None	Irritant, Allergen
Acrylic acid	Oral LD50 (Rat) = 33.5 mg/kg Oral LD50 (Mouse) = 2,400 mg/kg Oral LD50 (Rat) = 2.5 g/kg Oral LD50 (Rat) = 193 mg/kg Oral LD50 (Rat) = 1,250 mg/kg	Allergen, Corrosive, Irritant, Kidney, Liver
Saccharin	Oral LD50 (Mouse) = 17 g/kg	No Target Organs
Tert-butyl perbenzoate	None	Central nervous system, Irritant, Mutagen
Cumene hydroperoxide	None	Allergen, Central nervous system, Corrosive, Irritant, Mutagen
Methacrylic acid	Oral LD50 (Mouse) = 1,332 mg/kg Oral LD50 (Mouse) = 1,600 mg/kg Oral LD50 (Mouse) = 1,250 mg/kg Oral LD50 (Rabbit) = 1,200 mg/kg Oral LD50 (Rat) = 1,060 mg/kg Oral LD50 (Rat) = 2,224 mg/kg Dermal LD50 (Rabbit) = 500 mg/kg	Corrosive, Irritant, Allergen
Toluene-2,6-diisocyanate	None	Allergen, Bone Marrow , Corrosive, Eyes, Irritant, Mutagen, Respiratory, Some evidence of carcinogenicity
Cumene	Oral LD50 (Rat) = 2.91 g/kg Oral LD50 (Rat) = 1,400 mg/kg	Central nervous system, Irritant, Lung

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Toluene diisocyanate, poly (disubstituted alkene) hydroxypropyl methacrylate, propane derivative resin	No	No	No
Polyglycol dimethacrylate	No	No	No
Hydroxyalkyl methacrylate	No	No	No
Acrylic acid	No	No	No
Saccharin	No	No	No
Tert-butyl perbenzoate	No	No	No
Cumene hydroperoxide	No	No	No
Methacrylic acid	No	No	No
Toluene-2,6-diisocyanate	Reasonably Anticipated to be a Human Carcinogen.	Group 2B	No
Cumene	Reasonably Anticipated to be a Human Carcinogen.	Group 2B	No

12. ECOLOGICAL INFORMATION

Ecological information:

Not available.

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1-800-375-0605 Option 8 for 24/7 Service



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:	Not a RCRA hazardous waste.	
14. TR	ANSPORT INFORMATION	
The transport information provided in this section only applies to the material/formulation itself, and is not specific to an y pack age/configuration.		
U.S. Department of Transportation Ground (4 Propershipping name: Hazard class or division: Identification number: Packing group: DOT Hazardous Substance(s):	49 CFR) RQ, Environmentally hazardous substance, liquid, n.o.s. 9 UN 3082 III alpha,alpha-Dimethylbenzylhydroperoxide, p-benzoquinone	
International Air Transportation (ICAO/IATA) Proper shipping name: RQ, Environmentally hazardous substance, liquid, n.o.s. Hazard class or division: 9 Identification number: UN 3082 Packing group: III		
Water Transportation (IMO/IMDG) Propershipping name: Hazard class or division: Identification number:	RQ, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. 9 UN 3082	

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15. REGULATORY INFORMATION

IMDG-Code: Segregation group 1-Acids

III

United States Regulatory Information

Packing group:

Additional information:

TSCA 8 (b) Inventory Status: TSCA 12 (b) Export Notification:	All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory. Toluene-2,6-diisocyanate (CAS#91-08-7).
CERCLA/SARA Section 302 EHS: CERCLA/SARA Section 311/312: CERCLA/SARA Section 313: CERCLA Reportable quantity:	Toluene-2,6-diisocyanate (CAS#91-08-7). None above reporting de minimis. Immediate Health, Delayed Health This product contains the follow ing 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). Acrylic acid (CAS#79-10-7). Saccharin (CAS#81-07-2). Toluene-2,6- diisocyanate (CAS#91-08-7). Cumene (CAS#98-82-8). Tert-butyl perbenzoate (CAS#614-45-9) 100 lbs. (45.4 kg) Cumene hydroperoxide (CAS#80-15-9) 10 lbs. (45.4 kg)
California Proposition 65:	p-Benzoquinone (CAS# 106-51-4) 10 lbs. (4.54 kg) This product contains a chemical know n in the State of California to cause cancer. This product contains a chemical know n to the State of California to cause birth defects or other reproductive harm.
Canada Regulatory Information	
CEPA DSL/NDSL Status:	All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

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16. OTHER INFORMATION

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

Prepared by: Product Safety and Regulatory Affairs

Issuedate: 04/24/2019

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