





Safety Data Sheet



Revision Number: 007.0

Issue uale. 06/07/20

1. PRODUCT AND COMPANY IDENTIFICATION

Product name:

Product type/use:

Restriction of Use:

Company address: Henkel Corporation

Rocky Hill, Connecticut 06067

One Henkel Way

LOCTITE ABLESTIK SF 40 PTB known IDH number: as ECCOBOND SF-40 PTB 59G (SPEC) Catalyst

None identified

1582665

Region:United StatesContact information:Telephone: +1 (860) 571-5100MEDICAL EMERGENCY Phone: Poison Control Center1-877-671-4608 (toll free) or 1-303-592-1711TRANSPORT EMERGENCY Phone: CHEMTREC1-800-424-9300 (toll free) or 1-703-527-3887Internet: w ww.henkelna.com

2. HAZARDS IDENTIFICATION

DANGER:

EMERGENCY OVERVIEW HARMFUL IF SWALLOWED OR IN CONTACT WITH SKIN. CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. MAY CAUSE AN ALLERGIC SKIN REACTION.

HAZARD CLASS	HAZARD CATEGORY
ACUTE TOXICITY ORAL	4
ACUTE TOXICITY DERMAL	4
SKIN CORROSION	1B
SERIOUS EYE DAMAGE	1
SKIN SENSITIZATION	1

PICTOGRAM(S)



Precautionary Statements

Prevention:	Avoid breathing vapors, mist, or spray. Wash affected area thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated w ork clothing should not be allow ed
Response:	out of the w orkplace. Wear protective gloves, clothing, eye and face protection. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. If on skin (or hair): Take off immediately all contaminated clothing. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician. IF IN EYES: Rinse cautiously with water for
Storage:	several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation or rash occurs: Get medical attention. Wash contaminated clothing before reuse. 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.

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3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CASNumber	Percentage*
Tetraethylene pentamine	112-57-2	80 - 100
Triethylenetetramine	112-24-3	5 - 10
3,6,9,12- tetraazatetradecamethylenediamine	4067-16-7	1 - 5

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

4. FIRST AID MEASURES		
Inhalation:	Nove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.	
Skin contact:	Immediately flush skin with plenty of water (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 unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.	
Symptoms:	See Section 11.	
5. FI	RE FIGHTING MEASURES	
Extinguis hing media:	Water spray (fog), foam, dry chemical or carbon dioxide.	
Special firefighting 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:	Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.	
Hazardous combustion products:	Oxides of carbon. Oxides of nitrogen. Toxic and irritating vapors.	

6. ACCIDENTAL RELEASE MEASURES

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

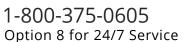
Environmental precautions:	Do not allow product to enter sew er or waterways. Advise authorities if product has entered or may enter sew ers, water sources or extensive land areas.
Clean-up methods:	Evacuate and ventilate spill area; dike spill to prevent entry into w ater system; w ear full protective equipment during clean-up. Soak up w ith inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, saw dust). Store in a partly filled, closed container until disposal. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up.

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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. Do not taste or sw allow. Refer to Section 8.

Storage:

Keep in a cool, w ell ventilated area aw ay from heat, sparks and open flame. Keep container tightly closed until ready for use. Avoid moisture.

For information on product shelf life, please review labels on container or check the Technical Data Sheet.

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
Tetraethylene pentamine	None	None	(SKIN) Aerosol. 1 ppm (5 mg/m3) TWA Aerosol. (Skin sensitizer)	None
Triethylenetetramine	None	None	1 ppm (6 mg/m3) TWA (SKIN)	None
3,6,9,12- tetraazatetradecamethylenediamine	None	None	None	None

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

Respiratory protection:

Engineering controls:

Eye/face protection:

Use NIOSH approved respirator if there is potential to exceed exposure 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.

Skin protection:

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

9. PHYSICAL AND CHEMICAL PROPERTIES

Physical state: Color: Odor: Odor threshold: pH: Vapor pressure: Boiling point/range: Melting point/ range: Specific gravity: Vapor density: Flash point: Flammable/Explosive limits - low er: Flam mable/Explosive limits - upper: Autoignition temperature: Flam m ability: Evaporation rate: Solubility in water: Partition coefficient (n-octanol/water): VOC content: Viscosity: Decomposition temperature:

Liquid Amber Amine Not available. Not available. < 0.1 mm hg (20 °C (68°F)) 375 °C (707°F) Not applicable 0.99 > 1.0 160 °C (320°F) Pensky Martens closed cup Not available. Not available. Not available. Not applicable Not applicable Soluble Not determined 441.5 g/l Not available. Not available.

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



10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and use.
Hazardous reactions:	Will not occur.
Hazardous decomposition products:	None reasonably foreseeable.
Incompatible materials:	Nitrites.
Reactivity:	Not available.
Conditions to avoid:	Heat, flames, sparks and other sources of ignition. Store aw ay from incompatible materials.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure:

Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation:	Mists, vapors or liquid may cause severe irritation or burns.
Skin contact:	Causes skin burns. Harmful in contact w ith skin. May cause allergic skin reaction.
Eye contact:	Causes serious eye damage.
Ingestion:	Harmful if sw allowed. Irritation and corrosive action can occur in the mouth, stomach tissue and
	digestive tract if sw allowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Tetraethylene pentamine	Oral LD50 (Rat) = 3.99 g/kg Oral LD50 (Rat) = 2.1 g/kg Dermal LD50 (Rabbit) = 0.66 g/kg	Irritant, Mutagen, Allergen
Triethylenetetramine	None	Allergen, Corrosive, Developmental, Irritant, Mutagen
3,6,9,12- tetraazatetradecamethylenediamine	None	Irritant, Allergen

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Tetraethylene pentamine	No	No	No
Triethylenetetramine	No	No	No
3,6,9,12- tetraazatetradecamethylenediamine	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information:

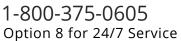
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13	B. DISPOSAL CONSIDERATIONS	
Information provided is for unused product only.		
Recommended method of disposal	Follow all local, state, federal and provincial regulations for disposal.	
Hazardous waste number:	D002: Corrosive.	
1	4. TRANSPORT INFORMATION	
The transport information provided i package/configuration.	n this section only applies to the material/formulation itself, and is not specific to any	
U.S. Department of Transportation G Propershipping name: Hazard class or division: Identification number: Packing group: International Air Transportation (ICA Propershipping name: Hazard class or division: Identification number: Packing group: Water Transportation (IMO/IMDG) Propershipping name: Hazard class or division: Identification number: Packing group:	Tetraethylenepentamine 8 UN 2320 III	
1	5. 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 minimis	
CERCLA/SARA Section 302 EHS: CERCLA/SARA Section 311/312: CERCLA/SARA Section 313:	None above reporting de minimis. Immediate Health, Delayed Health None above reporting de minimis.	
California Proposition 65:	No California Proposition 65 listed chemicals are know n to be present.	

Canada Regulatory Information

CEPA DSL/NDSL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: 2, 3, 11

Prepared by: Product Safety and Regulatory Affairs

Issue date:

08/07/2019

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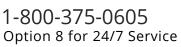
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