





Safety Data Sheet



Revision Number: 006.0

Issue date: 09/10/2018

1. PRODUCT AND COMPANY IDENTIFICATION

Product name: Product type:

Restriction of Use:

Company address:

Henkel Corporation One Henkel Way

LOCTITE CAT 15 BK known as CATALYST 15 BLK 1LB 0.454KG Epoxy Hardener None identified Rocky Hill, Connecticut 06067

IDH number:

1187989

United States Region: Contact information: Telephone: +1 (860) 571-5100 MEDICAL EMERGENCY Phone: Poison Control Center 1-877-671-4608 (toll free) or 1-303-592-1711 TRANSPORT EMERGENCY Phone: CHEMTREC 1-800-424-9300 (toll free) or 1-703-527-3887 Internet: www.henkelna.com

2. HAZARDS IDENTIFICATION

DANGER:

EMERGENCY OVERVIEW CAUSES SEVERE SKIN BURNS AND EYE DAMAGE. MAY CAUSE AN ALLERGIC SKIN REACTION.

HAZARD CLASS	HAZARD CATEGORY
SKIN CORROSION	1B
SERIOUS EYE DAMAGE	1
SKIN SENSITIZATION	1



Precautionary Statements

Prevention:	Avoid breathing vapors, mist, or spray. Wash affected area thoroughly after handling. Contaminated work clothing should not be allow ed out of the workplace. Wear protective gloves, clothing, eye and face protection.
Response:	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 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.
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*	
C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer	68082-29-1	80 - 90	
Triethylenetetramine	112-24-3	5 - 10	
Terphenyl, hydrogenated	61788-32-7	5 - 10	
Terphenyl	26140-60-3	0.1 - 1	
Carbon black	1333-86-4	0.1 - 1	

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

4.	FIRST AID MEASURES
Inhalation:	Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Get medical attention.
Skin contact:	Immediately flush skin w ith plenty of w ater (using soap, if available). Remov contaminated clothing and footwear. If symptoms develop and persist, get medical attention. Wash clothing before reuse. Thoroughly clean shoes bef reuse.
Eye contact:	Immediately flush eyes with plenty of water for at least 15 minutes. Get medical attention.
Ingestion:	DO NOT induce vomiting unless directed to do so by medical personnel. Ke individual calm. Get immediate medical attention.
Symptoms:	See Section 11.
5. F	IRE 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 a turn-out gear.
Unusual fire or explosion hazards:	In case of fire, keep containers cool with water spray.
Hazardous combustion products:	Oxides of carbon. Oxides of nitrogen. Ammonia. 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.

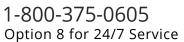
Environmental precautions: Do not allo	w product to enter sew er or waterways.
(e.g. sand, filled, close	Il sources of ignition. Ensure adequate ventilation. Isolate area. cessary personnel away. Soak up with inert absorbent material silica gel, acid binder, universal binder, saw dust). Store in a partly ed container until disposal. Refer to Section 8 "Exposure Controls / rotection" 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. Refer to Section 8.

Storage:

For safe storage, store between 18 °C (64.4 °F) and 25 °C (77 °F) Store in original container until ready to use. Keep in a cool, well ventilated area aw ay fromheat, sparks and open flame. Keep container tightly closed until ready for use.

For information on product shelf life contact Henkel Technical Service at 1.888.9.HENKEL (1.888.943.6535).

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
C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer	None	None	None	None
Triethylenetetramine	None	None	1 ppm (6 mg/m3) TWA (SKIN)	None
Terphenyl, hydrogenated	0.5 ppm TWA	1 ppm (9 mg/m3) Ceiling	None	None
Terphenyl	5 mg/m3 Ceiling	1 ppm (9 mg/m3) Ceiling	None	None
Carbon black	3 mg/m3 TWA Inhalable fraction.	3.5 mg/m3 PEL	None	None

Engine ering controls:Provide adequate local exhaust ventilation to maintain w orker exposure below
exposure limits.Respiratory protection:Use a NIOSH approved air-purifying respirator if the potential to exceed
established exposure limits exists.Eye/face protection: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

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

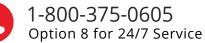
9. PHYSICAL AND CHEMICAL PROPERTIES

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: Flammable/Explosive limits - upper: Autoignition temperature: Flammability: Evaporation rate: Solubility in water: Partition coefficient (n-octanol/water): Liquid Black Amine Not available. Not applicable < 10.34 mbar (21.0 °C (69.8 °F)) > 176 °C (> 348.8 °F) Not available. 0.96 Not available. > 170 °C (> 338°F) Closed cup Not available. Not available. Not available. Not applicable Not available. Negligible Not available.

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< 0.1 % Not available. 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. Ammonia. Irritating organic vapours.
Incompatible materials:	Strong acids and oxidizing agents. Nitrous acid and other nitrosating agents. Sodium hypochlorite. Reaction with peroxides may result in violent decomposition of peroxide possibly creating an explosion.
Reactivity:	Not available.
Conditions to avoid:	Avoid temperatures above 38°C (100°F). Excessive heat. Store aw ay from incompatible materials. Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately. Failure to observe these precautions may result in excessive heat build-up causing an exotherm.

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure:

Skin, Inhalation, Eyes, Ingestion

Potential Health Effects/Symptoms

Inhalation:	May cause respiratory tract irritation.
Skin contact:	Causes skin burns. May cause allergic skin reaction.
Eye contact: Ingestion:	Causes serious eye damage. Prolonged contact may cause severe irritation or corneal burns. May cause gastrointestinal tract irritation if sw allowed.
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Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects	
C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer	None	No Records	
Triethylenetetramine	None	Allergen, Corrosive, Developmental, Irritant, Mutagen	
Terphenyl, hydrogenated	None	Allergen, Nervous System	
Terphenyl	None	Allergen, Nervous System, Irritant	
Carbon black	Oral LD50 (Rat) = > 8,000 mg/kg	Respiratory, Some evidence of carcinogenicity	

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer	No	No	No
Triethylenetetramine	No	No	No
Terphenyl, hydrogenated	No	No	No
Terphenyl	No	No	No
Carbon black	No	Group 2B	No

12. ECOLOGICAL INFORMATION

Ecological information:

Not available.

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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:

This product, if discarded, may be characterized as a RCRA corrosive waste, D002. This product may contain traces of: D018: Benzene (Check TCLP Level).

14. TRANSPORT INFORMATION

The transport information provided in this section only applies to the material/formulation itself, and is not specific to any package/configuration.

U.S. Department of Transportation Grou Propershipping name: Hazard class or division: Identification number: Packing group:	nd (49 CFR) Triethylenetetramine 8 UN 2259 II
International Air Transportation (ICAO/IA	ATA)
Propershipping name:	Triethylenetetramine
Hazard class or division:	8
Identification number:	UN 2259
Packing group:	II.
Water Transportation (IMO/IMDG)	
Propershipping name:	AMINES, LIQUID, CORROSIVE, N.O.S. (Triethylenetetramine, C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer)
Hazard class or division:	8
Identification number:	UN 2735
Packing group:	
Marine pollutant:	C18 Fatty acid dimer, tall oil fatty acid, triethylenetetramine polymer

15. REGULATORY INFORMATION

United States Regulatory 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. 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:	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.

16. OTHER INFORMATION

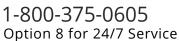
This safety data sheet contains changes from the previous version in sections: 9,16

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Prepared by:

Product Safety and Regulatory Affairs

Issue date: 09/10/2018

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