



Henkel Corporation

Digi-Key Corp.  
701 Brooks Ave S  
Thief River Falls, MN 56701-2757  
United States

Customer Number: 469029  
Order number: 965723063  
Date: 06/16/2022

Dear Valued Customer:

We strive to provide you with the best-in-class transparency on our products. We continuously review our products and are also working proactively with our suppliers to continuously provide the most up-to-date information to meet the demands of a complex regulatory environment. As a result, our product information has been updated and you are receiving the current safety data sheet for the product(s) listed below which are subject to labeling provisions in your country or in accordance with Henkel global standards.

Please issue these sheets to all persons in your company who are responsible for industrial safety, health protection, and for handling these products. If you resell the product(s) (e.g. as wholesaler), please note that you are also obliged to inform your customers in the same manner.

Please note that exposure scenarios for substances which we have prepared a chemical safety assessment can be downloaded at [mysds.henkel.com](https://mysds.henkel.com). If applicable, the direct link can be found at the end of the safety data sheet.

Upon receipt of this updated safety data sheet all previous versions are no longer valid.

Best Regards,  
Henkel Product Safety & Regulatory Affairs

(If you would like to contribute to Henkel's sustainability efforts by switching from a paper version to the electronic version of SDS, please contact the local Customer Service representative.)

<u>Item Number</u>	<u>IDH Number</u>	<u>Product Description</u>
1379310	1379310	LOCTITE CAT 9 known as Catalyst 9 (27g)





Revision Number: 002.0

Issue date: 05/12/2022

**1. PRODUCT AND COMPANY IDENTIFICATION**

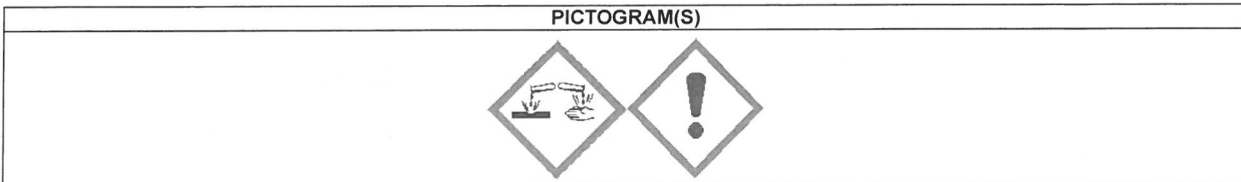
<b>Product name:</b>	LOCTITE CAT 9 known as Catalyst 9 (27g)	<b>IDH number:</b>	1379310
<b>Product type/use:</b>	Adhesive	<b>Item number:</b>	1379310
<b>Restriction of Use:</b>	None identified	<b>Region:</b>	United States
<b>Company address:</b>	<b>Contact information:</b>		
Henkel Corporation	Telephone: +1 (860) 571-5100		
One Henkel Way	MEDICAL EMERGENCY Phone: Poison Control Center		
Rocky Hill, Connecticut 06067	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**

**EMERGENCY OVERVIEW**

**DANGER:** HARMFUL IN CONTACT WITH SKIN.  
CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.  
MAY CAUSE AN ALLERGIC SKIN REACTION.

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



**Precautionary Statements**

<b>Prevention:</b>	Avoid breathing vapors, mist, or spray. Wash affected area thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, clothing, eye and face protection.
<b>Response:</b>	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.
<b>Storage:</b>	Store locked up.
<b>Disposal:</b>	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)	CAS Number	Percentage*
Amines, polyethylenepoly-, tetraethylenepentamine fraction	90640-66-7	80 - 100

Amines, polyethylenepoly-, triethylenetetramine fraction	90640-67-8	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

<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>	Immediately flush skin with plenty of water (using soap, if available). Remove contaminated clothing and footwear. Wash clothing before reuse. Get medical attention.
<b>Eye contact:</b>	Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.
<b>Ingestion:</b>	DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.
<b>Symptoms:</b>	See Section 11.

#### 5. FIRE FIGHTING MEASURES

<b>Extinguishing media:</b>	Water spray (fog), 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. In case of fire, keep containers cool with water spray.
<b>Unusual fire or explosion hazards:</b>	Closed containers may rupture (due to build up of pressure) when exposed to extreme heat.
<b>Hazardous combustion products:</b>	Oxides of carbon. Oxides of nitrogen. Toxic and irritating vapors.

#### 6. ACCIDENTAL RELEASE MEASURES

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

<b>Environmental precautions:</b>	Do not allow product to enter sewer or waterways. Advise authorities if product has entered or may enter sewers, water sources or extensive land areas.
<b>Clean-up methods:</b>	Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up. 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. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up.

#### 7. HANDLING AND STORAGE

<b>Handling:</b>	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 swallow. Refer to Section 8.
<b>Storage:</b>	Keep in a cool, well ventilated area away 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
Amines, polyethylenepoly-, tetraethylenepentamine fraction	None	None	None	None
Amines, polyethylenepoly-, triethylenetetramine fraction	None	None	None	None
3,6,9,12-tetraazatetradecamethylenediamine	None	None	None	None

<b>Engineering controls:</b>	Provide adequate local exhaust ventilation to maintain worker exposure below exposure limits.
<b>Respiratory protection:</b>	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
<b>Eye/face protection:</b>	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 showers and eye wash stations should be available.
<b>Skin protection:</b>	Use chemical resistant, impermeable clothing including gloves and either an apron or body suit to prevent skin contact.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical state:</b>	Liquid
<b>Color:</b>	Amber
<b>Odor:</b>	Amine
<b>Odor threshold:</b>	Not available.
<b>pH:</b>	Not applicable
<b>Vapor pressure:</b>	< 0.1 mm hg (20 °C (68°F))
<b>Boiling point/range:</b>	375 °C (707°F)
<b>Melting point/ range:</b>	Not applicable
<b>Specific gravity:</b>	0.99
<b>Vapor density:</b>	> 1.0
<b>Flash point:</b>	160 °C (320°F) Pensky Martens 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>Flammability:</b>	Not applicable
<b>Evaporation rate:</b>	Not applicable
<b>Solubility in water:</b>	Soluble
<b>Partition coefficient (n-octanol/water):</b>	Not determined
<b>VOC content:</b>	441.5 g/l
<b>Viscosity:</b>	Not available.
<b>Decomposition temperature:</b>	Not available.

## 10. STABILITY AND REACTIVITY

<b>Stability:</b>	Stable under normal conditions of storage and use.
<b>Hazardous reactions:</b>	Will not occur.
<b>Hazardous decomposition products:</b>	None reasonably foreseeable.
<b>Incompatible materials:</b>	Nitrites. Strong oxidizing agents. Acids.
<b>Reactivity:</b>	Not available.
<b>Conditions to avoid:</b>	Heat, flames, sparks and other sources of ignition. Store away 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 with skin. May cause allergic skin reaction.  
**Eye contact:** Causes serious eye damage.  
**Ingestion:** May be harmful if swallowed. Irritation and corrosive action can occur in the mouth, stomach tissue and digestive tract if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Amines, polyethylenepoly-, tetraethylenepentamine fraction	None	No Data
Amines, polyethylenepoly-, triethylenetetramine fraction	None	No Data
3,6,9,12-tetraazatetradecamethylenediamine	None	Irritant, Allergen

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Amines, polyethylenepoly-, tetraethylenepentamine fraction	No	No	No
Amines, polyethylenepoly-, triethylenetetramine fraction	No	No	No
3,6,9,12-tetraazatetradecamethylenediamine	No	No	No

## 12. ECOLOGICAL INFORMATION

Ecological information: Not available.

## 13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal: Follow all local, state, federal and provincial regulations for disposal.

## 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 Ground (49 CFR)

Proper shipping name: Tetraethylenepentamine  
Hazard class or division: 8  
Identification number: UN 2320  
Packing group: III

### International Air Transportation (ICAO/IATA)

Proper shipping name: Tetraethylenepentamine  
Hazard class or division: 8  
Identification number: UN 2320  
Packing group: III

### Water Transportation (IMO/IMDG)

Proper shipping name: TETRAETHYLENEPENTAMINE  
Hazard class or division: 8  
Identification number: UN 2320  
Packing group: III  
Marine pollutant: Tetraethylene pentamine

## 15. REGULATORY INFORMATION

### United States Regulatory Information

**TSCA 8 (b) Inventory Status:** All components are listed as active or are exempt from listing on the Toxic Substances Control Act (TSCA) inventory.  
**TSCA 12 (b) Export Notification:** None above reporting de minimis

CERCLA/SARA Section 302 EHS: None above reporting de minimis.  
CERCLA/SARA Section 311/312: Immediate Health, Delayed Health  
CERCLA/SARA Section 313: None above reporting de minimis.

California Proposition 65: No California Proposition 65 listed chemicals are known to be present.

#### Canada Regulatory Information

CEPA DSL/NDL 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, 8, 11

Prepared by: Product Safety and Regulatory Affairs

Issue date: 05/12/2022

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