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Safety Data Sheet



Revision Number: 003.2

1. PRODUCT AND COMPANY IDENTIFICATION

IDH number:

Product name: Product type:

Restriction of Use:

Company address:

Rocky Hill, Connecticut 06067

Henkel Corporation

One Henkel Way

LOCTITE EA 9390 AERO PART A QT known as EA 9390 PART A QUART Adhesive for the Aerospace Industry None identified

937041

Item number:AA9270016Region:United StatesContact information:Telephone: +1 (860) 571-5100MEDICAL EMERGENCYPhone: Poison Control Center1-877-671-4608 (toll free) or 1-303-592-1711TRANSPORTEMERGENCYPhone:CHEMTREC1-800-424-9300 (toll free) or 1-703-527-3887Internet:www.henkelna.com

2. HAZARDS IDENTIFICATION

WARNING: H	
	ARMFUL IF SWALLOWED.
С	AUSES SKIN IRRITATION.
Μ	AY CAUSE AN ALLERGIC SKIN REACTION.
S	USPECTED OF CAUSING GENETIC DEFECTS.

HAZARD CLASS	HAZARD CATEGORY
ACUTE TOXICITY ORAL	4
SKIN IRRITATION	2
SKIN SENSITIZATION	1
GERM CELL MUTAGENICITY	2

PICTOGRAM(S)			

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. Do not eat, drink or smoke w hen using this product. Contaminated w ork clothing should not be allow ed out of the w orkplace. Wear protective gloves, clothing, eye and face protection.
Response:	F SWALLOWED: Rinse mouth. Do NOT induce vomiting. IF ON SKIN: Wash with plenty of w ater. 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*
Tetraglycidyl diaminodiphenylmethane	28768-32-3	60 - 70
Triglycidyl-p-aminophenol	5026-74-4	20 - 30
Treated fumed silica	67762-90-7	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:	If inhaled, immediately remove the affected person to fresh air. If symptoms develop and persist, get medical attention.	
Skin contact:	Remove contaminated clothing and footwear. Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medicattention.	
Eye contact:	In case of contact with the eyes, rinse immediately with plenty of water for 1 minutes, and seek immediate medical attention.	
Ingestion:	Get immediate medical attention. Do not induce vomiting. Never give anythin by mouth to a victim w ho is unconscious or is having convulsions.	
Symptoms:	See Section 11.	
Notes to physician:	Treat symptomatically and supportively.	
5. FIRE FIGHTING MEASURES		
Extinguishing media:	Water spray (fog), foam, dry chemical or carbon dioxide.	
Special firefighting procedures:	Wear full protective clothing. Wear self-contained breathing apparatus.	
Unusual fire or explosion hazards:	May liberate large quantities of dense, foul-smelling smoke which may conta unidentified toxic gasses.	
Hazardous combustion products:	Upon decomposition, this product emits carbon monoxide, carbon dioxide	

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:	Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sew er or waterways.
Clean-up methods:	Absorb spill w ith inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations.



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and/or low molecular w eight hydrocarbons. Oxides of nitrogen.





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7. HANDLING AND STORAGE

Handling:

Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Avoid breathing vapors or mists of this product. Use only with adequate ventilation. For industrial use only.

Storage:

Keep container tightly closed and in a cool, w ell-ventilated place aw ay from incompatible materials. Do not heat in bulk - dangerous exothermmay occur. Never use drum band heaters. Avoid hot spots.

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 as sessment 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
Tetraglycidyl diaminodiphenylmethane	None	None	None	None
Triglycidyl-p-aminophenol	None	None	None	None
Treated fumed silica	10 mg/m3 TWA Inhalable dust. 3 mg/m3 TWA Respirable fraction.	15 mg/m3 TWA Total dust. 5 mg/m3 TWA Respirable fraction.	None	None
Engineering controls:	Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.			
Respiratory protection:	If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided.			
Eye/face protection:	Wear safety glasses; chemical goggles (if splashing is possible).			oossible).
Skin protection:		Wear impervious gloves for prolonged contact. Use of impervious apron and boots are recommended.		

9. PHYSICAL AND CHEMICAL PROPERTIES

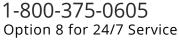
Physical state: Color: Odor: Odor threshold: pH: Vapor pressure: Boiling point/range: Meltingpoint/range: Specific gravity: Vapor density: Flash point: Flammable/Explosive limits - low er: Flam mable/Explosive limits - upper: Autoignition temperature: Flam m ability: Evaporation rate: Solubility in water: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

Liquid Tan Characteristic Not available. Neutral Not applicable Not applicable Not determined 1.22 > 1 > 200 °F (> 93.33 °C) Estimated Not determined Not determined Not determined Not applicable Not determined Negligible Not determined < 10 g/l per SCAQMD Rule 1124 [EPA Test Method 24/304-91] (estimated) Not available. Not available.

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10. STABILITY AND REACTIVITY

Stability:	Stable at normal conditions.	
Hazardous reactions:	May occur.	
Hazardous decomposition products:	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular w eight hydrocarbons. Oxides of nitrogen.	
Incompatible materials:	Keep aw ay from strong oxidizing agents, strong Lew is or mineral acids.	
Reactivity:	Not available.	
Conditions to avoid:	Avoid mixing resin (Part A) and curing agent (Part B) unless you plan to use immediately. Do not heat mixed adhesive unless curing surfaces to be bonded. 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

Potential Health Effects/Symptoms

Inhalation:	May cause respiratory tract irritation.
Skin contact:	This product may cause irritation to the skin. This product may cause an allergic skin reaction.
Eye contact:	This product may cause irritation to the eyes.
Ingestion:	Ingestion of this product may cause nausea, vomiting and diarrhea.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Tetraglycidyl diaminodiphenylmethane	None	Allergen, Blood, Central nervous system, Gastrointestinal, Irritant, Kidney, Liver, Mutagen, Nervous System
Triglycidyl-p-aminophenol	None	Allergen, Irritant, Mutagen
Treated fumed silica	None	Irritant

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Tetraglycidyl diaminodiphenylmethane	No	No	No
Triglycidyl-p-aminophenol	No	No	No
Treated fumed silica	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information:

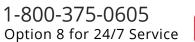
Toxic to aquatic organisms

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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:	Material, if discarded, is not expected to be a characteristic hazardous waste under RCRA.	
14. TRANSPORT INFORMATION		
The transport information provided in this section only applies to the material/formulation itself, and is not specific to an y package/configuration.		
U.S. Department of Transportation Ground (49 CFR)		
Propershipping name:	Not regulated	
Hazard class or division: Identification number:	None None	
Packing group:	None	
International Air Transportation (ICAO/IATA)		
Propershipping name:	Environmentally hazardous substance, liquid, n.o.s. (Tetraglycidyl	
	diaminodiphenylmethane)	
Hazard class or division:	9	
Identification number: Packing group:	UN 3082 II	
Water Transportation (IMO/IMDG) Propershipping name:	ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Tetraglycidyl diaminodiphenylmethane)	
Hazard class or division:	9	
Identification number:	UN 3082	
Packing group:	∭ Tetere skuriskul die ook en die kenne daar die en e	
Marine pollutant: Exceptions :	Tetraglycidyl diaminodiphenylmethane Classified per IMDG Amendment 34; Effective Jan 1, 2010.	
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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. Triglycidyl-p-aminophenol (CAS# 5026-74-4).
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: New Material Safety Data Sheet format.

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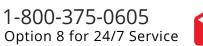
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