



# Safety Data Sheet



#### Revision Number: 002.0

# 1. PRODUCT AND COMPANY IDENTIFICATION

**IDH number:** 

Product name:

QT known as EA 9309.2NA PART A<br/>QUARTProduct type:Adhesive for the Aerospace IndustryRestriction of Use:None identifiedCompany address:Henkel CorporationOne Henkel WayRocky Hill, Connecticut 06067

LOCTITE EA 9309.2NA AERO PART A

Item number:AA9356016Region: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: www.henkelna.com

1053916

# 2. HAZARDS IDENTIFICATION

WARNING:

EMERGENCY OVERVIEW CAUSES SKIN IRRITATION. MAY CAUSE AN ALLERGIC SKIN REACTION. CAUSES SERIOUS EYE IRRITATION.

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
EYE IRRITATION	2A
SKIN SENSITIZATION	1

PICTOGRAM(S)



## Precautionary Statements

Prevention:	Avoid breathing vapors, mist, or spray. Wash thoroughly after handling. Contaminated work clothing should not be allowed out of the workplace. Wear eye and face protection. Wear protective gloves.
Response:	IF ON SKIN: Wash with plenty of soap and water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to remove. Continue rinsing. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: Get medical attention. Take off contaminated clothing.
Storage:	Not prescribed
Disposal:	Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

12 % of the mixture consists of ingredient(s) of unknown acute toxicity.

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)	CAS Number	Percentage*	
Epoxy resin	Proprietary	60 - 100	
Epoxy resin	Proprietary	5 - 10	
Butadiene-Acrylic Copolymer	Unknown	5 - 10	
Modified Epoxy Resin	Unknown	1 - 5	
Modified Epoxy Resin	Unknown	1 - 5	
Glass, oxide, chemicals	65997-17-3	1 - 5	
Treated fumed silica	67762-90-7	1 - 5	
Titanium dioxide	13463-67-7	0.1 - 1	

\* Exact percentage is a 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:	Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medical attention.	
Eye contact:	In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.	
Ingestion:	Get immediate medical attention. Do not induce vomiting. Never give anything by mouth to a victim who 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 contain unidentified toxic gasses.	
Hazardous combustion products:	Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons. Oxides of nitrogen.	

## 6. ACCIDENTAL RELEASE MEASURES

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

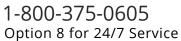
Environmental precautions:	Prevent further leakage or spillage if safe to do so. Wear appropriate protective equipment and clothing during clean-up. Do not allow product to enter sewer or waterways.
Clean-up methods:	Scrape up spilled material and place in a closed container for disposal. Dispose of according to Federal, State and local governmental regulations.

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#### HANDLING AND STORAGE 7.

Handling:

Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Do not cut, grind, weld, or drill on or near this container. Empty containers retain product residue, so obey hazard warnings and handle empty containers as if they were full.

Storage:

Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials.

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
Epoxy resin	None	None	None	None
Epoxy resin	None	None	None	None
Butadiene-Acrylic Copolymer	None	None	None	None
Modified Epoxy Resin	None	None	None	None
Modified Epoxy Resin	None	None	None	None
Glass, oxide, chemicals	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
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
Titanium dioxide	10 mg/m3 TWA	15 mg/m3 PEL Total dust	None	None

**Engineering controls:** 

**Respiratory protection:** 

Eye/face protection:

Skin protection:

Ventilation should effectively remove and prevent buildup of any dust generated from the handling of this product.

When dusts or thermal processing fumes are generated and ventilation is not sufficient to effectively remove them, appropriate NIOSH/MSHA approved respiratory protection must be provided.

Safety goggles or safety glasses with side shields.

Wear impervious gloves for prolonged contact. Use of impervious apron and boots are recommended.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

Liquid

Physical state: Color: Odor: Odor threshold: pH: Vapor pressure: Boiling point/range: Melting point/ range: Specific gravity: Vapor density: Flash point: Flammable/Explosive limits - lower: Flammable/Explosive limits - upper: Autoignition temperature: **Evaporation rate:** Solubility in water:

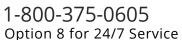
. Cream Epoxy Not available. Not applicable Not applicable Not applicable Not applicable Not applicable Not applicable > 200 °F (> 93.33 °C) Not available. Not available. Not applicable Not applicable Not miscible or difficult to mix

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Partition coefficient (n-octanol/water): VOC content: Viscosity: Decomposition temperature: Not available. < 10 g/l per SCAQMD Rule 1124 [EPA Test Method 24/304-91] (estimated) Not available. Not available.

	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 weight hydrocarbons. Oxides of nitrogen.
Incompatible materials:	This product may react with strong acids or oxidizing agents.
Reactivity:	Not available.
Conditions to avoid:	Keep away from heat, ignition sources and incompatible materials.

**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 may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Epoxy resin	None	Allergen, Irritant
Epoxy resin	None	Allergen, Irritant
Butadiene-Acrylic Copolymer	None	No Data
Modified Epoxy Resin	None	No Data
Modified Epoxy Resin	None	No Data
Glass, oxide, chemicals	None	Allergen, Respiratory
Treated fumed silica	None	Irritant
Titanium dioxide	None	Irritant, Respiratory, Some evidence of carcinogenicity

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Epoxy resin	No	No	No
Epoxy resin	No	No	No
Butadiene-Acrylic Copolymer	No	No	No
Modified Epoxy Resin	No	No	No
Modified Epoxy Resin	No	No	No
Glass, oxide, chemicals	No	No	No
Treated fumed silica	No	No	No
Titanium dioxide	No	Group 2B	No

# 12. ECOLOGICAL INFORMATION

**Ecological information:** 

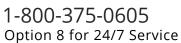
Toxic to aquatic organisms

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1.	3. DISPOSAL CONSIDERATIONS
Info	prmation 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.
1	4. TRANSPORT INFORMATION
The transport information provided in package/configuration.	this section only applies to the material/formulation itself, and is not specific to any
U.S. Department of Transportation Gro	
Proper shipping name:	Not regulated
Hazard class or division:	None
Identification number:	None
Packing group:	None
International Air Transportation (ICAO	
International Air Transportation (ICAO	
International Air Transportation (ICAO Proper shipping name:	Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A Epichlorhydrin
Proper shipping name:	
	Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A Epichlorhydrir resin) 9
Proper shipping name: Hazard class or division:	Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A Epichlorhydrin resin)
Proper shipping name: Hazard class or division: Identification number:	Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A Epichlorhydrin resin) 9 UN 3082
Proper shipping name: Hazard class or division: Identification number: Packing group:	Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A Epichlorhydrin resin) 9 UN 3082 III ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol
Proper shipping name: Hazard class or division: Identification number: Packing group: Water Transportation (IMO/IMDG)	Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A Epichlorhydrin resin) 9 UN 3082 III
Proper shipping name: Hazard class or division: Identification number: Packing group: Water Transportation (IMO/IMDG) Proper shipping name:	Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A Epichlorhydrin resin) 9 UN 3082 III ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol Epichlorhydrin resin)
Proper shipping name: Hazard class or division: Identification number: Packing group: Water Transportation (IMO/IMDG) Proper shipping name: Hazard class or division: Identification number:	Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A Epichlorhydrin 9 UN 3082 III ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol Epichlorhydrin resin) 9
Proper shipping name: Hazard class or division: Identification number: Packing group: Water Transportation (IMO/IMDG) Proper shipping name: Hazard class or division:	Environmentally hazardous substance, liquid, n.o.s. (Bisphenol-A Epichlorhydrin 9 UN 3082 III ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Bisphenol Epichlorhydrin resin) 9 UN 3082

#### **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 Delayed Health, Immediate Health None above reporting de minimis
California Proposition 65:	This product contains a chemical known in the State of California to cause cancer. This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.
Canada Regulatory Information	
CEPA DSL/NDSL Status:	One or more components are not listed on, and are not exempt from listing on either the Domestic Substances List or the Non-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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#### Prepared by:

#### Mark Mau, Regulatory Affairs Specialist

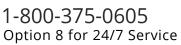
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