Safety Data Sheet



Revision Number: 004.2

Issue date: 02/19/2019

1. PRODUCT AND COMPANY IDENTIFICATION

IDH number:

Product name:

Product type/use:

Restriction of Use:

Company address:

Rocky Hill, Connecticut 06067

Henkel Corporation

One Henkel Way

LOCTITE EA 9359.3 AERO PART A 200ML KIT known as EA 9359.3 PART A 200ML SEMPAK Adhesive for the Aerospace Industry None identified

Item number: AA9318330 Region: **United States** 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

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2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW		
WARNING:	CAUSES SKIN IRRITATION.	
	MAY CAUSE AN ALLERGIC SKIN REACTION.	
	CAUSES SERIOUS EYE IRRITATION.	
	SUSPECTED OF CAUSING GENETIC DEFECTS.	

HAZARD CLASS	HAZARD CATEGORY
SKIN IRRITATION	2
EYE IRRITATION	2A
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 dust or fumes. 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.
Response:	IF ON SKIN: Wash with plenty of water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical attention. If skin irritation or rash occurs: Get medical attention. If eye irritation persists: 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).

IDH number: 937135

Product name: LOCTITE EA 9359.3 AERO PART A 200ML KIT known as EA 9359.3 PART A 200ML SEMPAK

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*	
Epichlorohydrin-4,4'-isopropylidene diphenol resin	25068-38-6	50 - 60	
Triglycidyl-p-aminophenol	5026-74-4	10 - 20	
Glass, oxide, chemicals	65997-17-3	1 - 5	
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:	Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. If symptoms develop and persist, get medical attention.			
Skin contact:	Remove contaminated clothing and footwear. Wash with soap and water. If a person feels unwell or symptoms of skin irritation appear, consult a physician.			
Eye contact:	In case of contact with the eyes, rinse immediately with plenty of water for 15 minutes, and seek immediate medical attention.			
Ingestion:	DO NOT induce vomiting unless directed to do so by medical personnel. If symptoms develop and persist, get medical attention.			
Symptoms:	See Section 11.			
5. FI	RE 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.			

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:	Absorb spill with inert material. Shovel material into appropriate container for disposal. Dispose of according to Federal, State and local governmental regulations.

Hazardous combustion products:

7. HANDLING AND STORAGE

Handling:

For the Part A plus Part B adhesive mixture, follow curing schedule as recommended in product literature. Empty containers retain product residue, so obey hazard warnings and handle empty containers as if they were full. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. For industrial use only.

Storage:

For safe storage, store at or below 25 °C (77°F) Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Keep away from heat, spark and flame.

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
Epichlorohydrin-4,4'-isopropylidene diphenol resin	None	None	None	None
Triglycidyl-p-aminophenol	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
Engineering controls: Ventilation should effectively remove and prevent buildup of any dust generated from the handling of this product.				ip of any dust
Respiratory protection: When dusts or thermal processing fumes are generated and ventilation sufficient to effectively remove them, appropriate NIOSH/MSHA appr respiratory protection must be provided.				
Eye/face protection: Safety goggles or safety glasses with side shields.				
Skin protection:	Skin protection: Wear impervious gloves for prolonged contact. Use of impervious apron a boots are recommended.			npervious apron and

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 - lower: Flammable/Explosive limits - upper: Autoignition temperature: Flammability: Evaporation rate: Solubility in water: Partition coefficient (n-octanol/water):

Paste Yellow Slight Not available. Neutral Negligible Not determined Not determined 1.16 > 1 > 93 °C (> 199.4 °F) ; Estimated Not determined Not determined Not determined Not applicable Not determined Negligible Not determined

IDH number: 937135

Product name: LOCTITE EA 9359.3 AERO PART A 200ML KIT known as EA 9359.3 PART A 200ML SEMPAK VOC content: Viscosity: Decomposition temperature: < 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:	Keep away from strong oxidizing agents, strong Lewis 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 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

Potential Health Effects/Symptoms

Inhalation:	This product may cause slight irritation to the respiratory system.
Skin contact:	Prolonged and/or repeated skin contact with this product may cause irritation. This product may
	cause an allergic skin reaction.
Eye contact:	This product may cause irritation to the eyes.
Ingestion:	Low toxicity. Ingestion of large amounts may produce gastrointestinal disturbances including
	irritation, nausea, and diarrhea.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
Epichlorohydrin-4,4'-isopropylidene diphenol resin	None	Allergen, Irritant
Triglycidyl-p-aminophenol	None	Allergen, Irritant, Mutagen
Glass, oxide, chemicals	None	Allergen, Respiratory
Treated fumed silica	None	Irritant

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Epichlorohydrin-4,4'-isopropylidene diphenol resin	No	No	No
Triglycidyl-p-aminophenol	No	No	No
Glass, oxide, chemicals	No	No	No
Treated fumed silica	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information:

Not available.

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. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.	
14. TR	ANSPORT 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 (4	9 CFR)	
Proper shipping name: Hazard class or division: Identification number: Packing group:	Not regulated None None None	
International Air Transportation (ICAO/IATA) Proper shipping name: Hazard class or division: Identification number: Packing group:	Environmentally hazardous substance, solid, n.o.s. (Bisphenol-A Epichlorhydrin resin, Triglycidyl-p-aminophenol) 9 UN 3077 III	

Water Transportation (IMO/IMDG) Proper shipping name:

> Hazard class or division: Identification number: Packing group: Marine pollutant:

III ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S. (Bisphenol-A Epichlorhydrin resin, Triglycidyl-p-aminophenol) 9 UN 3077 III Bisphenol-A Epichlorhydrin resin, Triglycidyl-p-aminophenol

15. 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:	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 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.
ina	da 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.

IDH number: 937135

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Product name: LOCTITE EA 9359.3 AERO PART A 200ML KIT known as EA 9359.3 PART A 200ML SEMPAK

Prepared by: Regulatory Affairs Issue date: 02/19/2019

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Safety Data Sheet



Revision Number: 003.4

Issue date: 12/27/2016

1. PRODUCT AND COMPANY IDENTIFICATION

IDH number:

Product name:

Product type:

Restriction of Use:

Company address:

Henkel Corporation

Rocky Hill, Connecticut 06067

One Henkel Way

LOCTITE EA 9359.3 AERO PART B 200ML KIT known as EA 9359.3 PART **B 200ML SEMPAK** Adhesive for the Aerospace Industry None identified

Item number: AB9318331 Region: **United States** Contact information: Telephone: (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

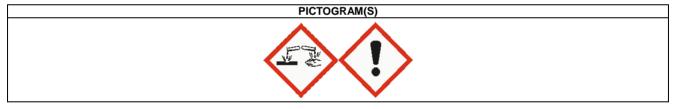
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2. HAZARDS IDENTIFICATION

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 allowed out of the workplace. Wear protective
Response:	gloves, clothing, eye and face protection. 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
Storage: Disposal:	contaminated clothing before reuse. Store locked up. 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.

IDH number: 937136

Product name: LOCTITE EA 9359.3 AERO PART B 200ML KIT known as EA 9359.3 PART B 200ML SEMPAK

3. COMPOSITION / INFORMATION ON INGREDIENTS

Hazardous Component(s)	CAS Number	Percentage*	
N,N'-Bis(3-aminopropyl)piperazine	7209-38-3	40 - 50	
3,3'-Oxybis(ethyleneoxy)bis(propylamine)	4246-51-9	10 - 20	
Silica, amorphous, fumed, crystal-free	112945-52-5	5 - 10	
Benzyl alcohol	100-51-6	1 - 5	
3- Aminomethyl-3,5,5- trimethylcyclohexylamine	2855-13-2	1 - 5	
N-Aminoethylpiperazine	140-31-8	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. If not breathing, give artificial respiration. If breathing is difficult, give oxygen.	
Skin contact:	Remove contaminated clothing and footwear. Immediately wash skin thoroughly with soap and water. If symptoms develop and persist, get medica 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.		
Symptoms: See Section 11.		
Notes to physician: Treat symptomatically and supportively.		
5. F	IRE 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 contai 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:	Wear appropriate protective equipment and clothing during clean-up. Prevent further leakage or spillage if safe to do so. 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.

7. HANDLING AND STORAGE

Handling:

For the Part A plus Part B adhesive mixture, follow curing schedule as recommended in product literature. Do not heat Part B at temperatures greater than 100 °C (212 °F). This material may self-react at higher temperatures and cause an exotherm. The exotherm has the potential for release of excessive energy and toxic gasses. Empty containers retain product residue, so obey hazard warnings and handle empty containers as if they were full. Do not cut, arind, weld, or drill on or near this container.

Storage:

For safe storage, store at or below 25 °C (77°F) 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
N,N'-Bis(3-aminopropyl)piperazine	None	None	None	None
3,3'-Oxybis(ethyleneoxy)bis(propylamine)	None	None	None	None
Silica, amorphous, fumed, crystal-free	10 mg/m3 TWA Inhalable dust. 3 mg/m3 TWA Respirable fraction.	20 MPPCF TWA 0.8 mg/m3 TWA	None	None
Benzyl alcohol	None	None	10 ppm (44.20 mg/m3) TWA	None
3- Aminomethyl-3,5,5- trimethylcyclohexylamine	None	None	None	None
N-Aminoethylpiperazine	None	None	None	None

Engineering controls:

Respiratory protection:

Eye/face protection:

Skin protection:

Provide local and general exhaust ventilation to effectively remove and prevent buildup of any vapors or mists generated from the handling of this product.

If ventilation is not sufficient to effectively prevent buildup of aerosols, mists or vapors, appropriate NIOSH/MSHA respiratory protection must be provided. 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.

Wear chemical goggles; face shield (if splashing is possible). Safety goggles or safety glasses with side shields.

Wear impervious gloves for prolonged contact. Use of impervious apron and boots are recommended. 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: Melting point/range: Specific gravity: Vapor density: Flash point: Liquid Blue Rubber-like Not available. Not determined Not applicable Not determined 1.02 7.6 > 93 °C (> 199.4 °F) ; Estimated

IDH number: 937136

Product name: LOCTITE EA 9359.3 AERO PART B 200ML KIT known as EA 9359.3 PART B 200ML SEMPAK

Flammable/Explosive limits - lower:	Not determined
Flammable/Explosive limits - upper:	Not determined
Autoignition temperature:	Not determined
Flammability:	Not applicable
Evaporation rate:	Not determined
Solubility in water:	Negligible
Partition coefficient (n-octanol/water):	Not determined
VOC content:	< 10 g/l per SCAQMD Rule 1124 [EPA Test Method 24/304-91] (estimated)
Viscosity:	Not available.
Decomposition temperature:	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:	Keep away from strong oxidizing agents, strong Lewis 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. Failure to observe these precautions may result in excessive heat build-up causing an exotherm. Do not heat mixed adhesive unless curing surfaces to be bonded.	

11. TOXICOLOGICAL INFORMATION

Relevant routes of exposure:

Skin, Inhalation, Eyes

Potential Health Effects/Symptoms

Inhalation:	Mists, vapors or liquid may cause severe irritation or burns. May be harmful if inhaled.
Skin contact:	This product is severely irritating to the skin and may cause burns. This product may cause an allergic skin reaction.
Eye contact:	This product is severely irritating to the eyes and may cause irreversible damage including burns and blindness.
Ingestion:	Ingestion may produce burns to the lips, oral cavity, upper airway, esophagus and possibly the digestive tract. May be harmful if swallowed.

Hazardous Component(s)	LD50s and LC50s	Immediate and Delayed Health Effects
N,N'-Bis(3-aminopropyl)piperazine	None	No Records
3,3'-Oxybis(ethyleneoxy)bis(propylamine)	None	Corrosive
Silica, amorphous, fumed, crystal-free	None	Nuisance dust
Benzyl alcohol	Oral LD50 (Rabbit) = 1,940 mg/kg Oral LD50 (Rat) = 1,230 - 3,100 mg/kg Oral LD50 (Mouse) = 1,580 mg/kg Oral LD50 (Rat) = 3,100 mg/kg Dermal LD50 (Rabbit) = 2,000 mg/kg	Allergen, Central nervous system, Corrosive, Irritant
3- Aminomethyl-3,5,5- trimethylcyclohexylamine	None	Irritant, Allergen, Corrosive, Lung
N-Aminoethylpiperazine	None	Irritant, Corrosive, Allergen

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
N,N'-Bis(3-aminopropyl)piperazine	No	No	No
3,3'-Oxybis(ethyleneoxy)bis(propylamine)	No	No	No
Silica, amorphous, fumed, crystal-free	No	No	No
Benzyl alcohol	No	No	No
3- Aminomethyl-3,5,5- trimethylcyclohexylamine	No	No	No
N-Aminoethylpiperazine	No	No	No

12. ECOLOGICAL INFORMATION

Ecological information:

Not available.

13. DISPOSAL CONSIDERATIONS

Information provided is for unused product only.

Recommended method of disposal:

Hazardous waste number:

Dispose of according to Federal, State and local governmental regulations.

This product, if discarded, may be characterized as a RCRA corrosive waste, D002. Wastes must be tested using methods described in 40 CFR Part 261 to determine if it meets applicable definitions of hazardous wastes.

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: Amines

> Hazard class or division: Identification number: Packing group:

Amines, liquid, corrosive, n.o.s. (Substituted piperazine, Diethyleneglycol aminopropyl ether) 8 UN 2735 III

International Air Transportation (ICAC Proper shipping name: Hazard class or division: Identification number: Packing group:	D/IATA) Amines, liquid, corrosive, n.o.s. (Substituted piperazine, Diethyleneglycol aminopropyl ether) 8 UN 2735 III		
Water Transportation (IMO/IMDG) Proper shipping name: Hazard class or division: Identification number: Packing group:	AMINES, LIQUID, CORROSIVE, N.O.S. (Substituted piperazine, Diethyleneglycol aminopropyl ether) 8 UN 2735 III		
15. REGULATORY INFORMATION			
United States Regulatory Information			
TSCA 8 (b) Inventory Status: TSCA 12 (b) Export Notification: CERCLA/SARA Section 302 EHS: CERCLA/SARA Section 311/312: CERCLA/SARA Section 313:	All components are listed or are exempt from listing on the Toxic Substances Control Act Inventory. None above reporting de minimis None above reporting de minimis. Immediate Health, Delayed Health None above reporting de minimis.		
California Proposition 65:	No California Proposition 65 listed chemicals are known 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: New Material Safety Data Sheet format.

Prepared by: Mark Mau, Regulatory Affairs Specialist

Issue date: 12/27/2016

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