



Revision Number: 002.2

Issue date: 05/21/2025

1. IDENTIFICATION

Product name: LOCTITE PC 6311 PT A**Product type/** Coating**Recommended use:****Restriction of Use:** None identified**Company address:**

Henkel Canada Corporation
 Meadowpine Boulevard 2515
 Mississauga, Ontario L5N 6C3

IDH number: 1602677**Item number:** 1602678_1555560**Region:** Canada**Contact information:**

Telephone: +1 (905) 814-6511

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

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

EMERGENCY OVERVIEW

DANGER: H226 - FLAMMABLE LIQUID AND VAPOUR.
 H315 - CAUSES SKIN IRRITATION.
 H317 - MAY CAUSE AN ALLERGIC SKIN REACTION.
 H319 - CAUSES SERIOUS EYE IRRITATION.
 H372 - CAUSES DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

H373 - MAY CAUSE DAMAGE TO ORGANS THROUGH PROLONGED OR REPEATED EXPOSURE.

HAZARD CLASS	HAZARD CATEGORY
FLAMMABLE LIQUID	3
SKIN IRRITATION	2
EYE IRRITATION	2A
SKIN SENSITIZATION	1
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE	1
SPECIFIC TARGET ORGAN TOXICITY - REPEATED EXPOSURE	2

PICTOGRAM(S)



Precautionary Statements

Prevention:

P210 - Keep away from heat, sparks, open flames, hot surfaces - no smoking.

P233 - Keep container tightly closed.

P240 - Ground and bond container and receiving equipment.

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Response:

P241 - Use explosion-proof equipment.
P242 - Use non-sparking tools.
P243 - Take action to prevent static discharges.
P260 - Do not breathe vapors, mist, or spray.
P264 - Wash affected area thoroughly after handling.
P270 - Do not eat, drink or smoke when using this product.
P272 - Contaminated work clothing should not be allowed out of the workplace.
P280 - Wear protective gloves, clothing, eye and face protection.
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P314 - Get medical attention if you feel unwell.
P333+P313 - If skin irritation or rash occurs: Get medical attention.
P337+P313 - If eye irritation persists: Get medical attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.
P403+P235 - Store in a well-ventilated place. Keep cool.
P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Storage:**Disposal:****Other hazards**

Not available.

Classification complies with Canadian Hazardous Products Regulations and is consistent with the provision 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	Weight %*
Quartz (SiO ₂), <1% respirable	14808-60-7	10 - 30
Aluminium oxide - non fibrous form	1344-28-1	10 - 30
Epichlorohydrin-4,4'-isopropylidene diphenol resin	25068-38-6	5 - 10
4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene	98-56-6	5 - 10
heptan-2-one	110-43-0	5 - 10
Xylenes	1330-20-7	1 - 5
1-methoxy-2-propanol	107-98-2	1 - 5
2-methoxy-1-methylethyl acetate	108-65-6	1 - 5
Solvent naphtha (petroleum), light arom., <0.1% Benzene	64742-95-6	1 - 5
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

First Aid Measures by likely routes of exposure**Inhalation:**

Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

Skin contact:

Remove contaminated clothing and footwear. Immediately flush skin with plenty of water (using soap, if available). Get medical attention. Wash clothing before reuse.

Eye contact:

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

Ingestion:	DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.
Most important symptoms and effects (acute and delayed):	The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.
Indication of any immediate medical attention / special treatment needed:	Not available.

5. FIRE FIGHTING MEASURES

Extinguishing media:	Water spray (fog), foam, dry chemical or carbon dioxide.
Improper extinguishing agents:	Not available.
Special firefighting procedures:	Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.
Unusual fire or explosion hazards:	In case of fire, keep containers cool with water spray. Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. Vapors may travel considerable distance to source of ignition and flash back.
Hazardous combustion products:	Oxides of carbon. Aldehydes. Acids. Irritating organic fragments.

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:	Do not allow product to enter sewer or waterways.
Clean-up methods:	Remove all sources of ignition. Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up. Scrape up as much material as possible. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Store in a closed container until ready for disposal.

7. HANDLING AND STORAGE

Handling:	Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Refer to Section 8. Use only with adequate ventilation. Keep container closed.
Storage:	Store away from heat, sparks, flames, or other sources of ignition. Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Do not reuse container.

Shelf Life Statement: Not available.

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
Quartz (SiO ₂), <1% respirable	0.025 mg/m ³ TWA Respirable fraction.	0.05 mg/m ³ TWA (Respirable dust.) (Respirable dust.) 0.025 mg/m ³ OSHA ACT (Respirable dust.) 0.05 mg/m ³ PEL Respirable dust. 2.4 MPPCF TWA Respirable 0.1 mg/m ³ TWA Respirable	None	None
Aluminium oxide - non fibrous form	1 mg/m ³ TWA Respirable fraction. 3 mg/m ³ TWA Respirable particles. 10 mg/m ³ TWA Inhalable particles.	5 mg/m ³ PEL Respirable fraction. 15 mg/m ³ PEL Total dust. 50 MPPCF TWA Total dust. 15 MPPCF TWA Respirable fraction. 15 mg/m ³ TWA Total dust. 5 mg/m ³ TWA Respirable fraction.	None	None
heptan-2-one	50 ppm TWA	100 ppm (465 mg/m ³) PEL	None	None
Wollastonite (Ca(SiO ₃))	1 mg/m ³ TWA Inhalable fraction.	None	None	None
Xylenes	20 ppm TWA	100 ppm (435 mg/m ³) PEL	None	None
1-methoxy-2-propanol	50 ppm TWA 100 ppm STEL	None	None	None
2-methoxy-1-methylethyl acetate	None	None	50 ppm TWA	None
Solvent naphtha (petroleum), light arom., <0.1% Benzene	(SKIN) (as total hydrocarbon vapor) Non-aerosol. 200 mg/m ³ TWA (as total hydrocarbon vapor) Non-aerosol.	None	None	None
Carbon black	3 mg/m ³ TWA Inhalable fraction.	3.5 mg/m ³ PEL 5 mg/m ³ TWA Respirable fraction. 50 MPPCF TWA Total dust. 15 MPPCF TWA Respirable fraction. 15 mg/m ³ TWA Total dust.	None	None

Engineering controls:

Use explosion-proof equipment if high dust/air concentrations are possible. Mechanical exhaust is not recommended as the sole means of controlling employee exposure.

Respiratory protection:

Use NIOSH approved respirator if there is potential to exceed exposure limit(s).

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 showers and eye wash stations should be available.

Skin protection:

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:	Liquid
Color:	Black
Odor:	Characteristic
Odor threshold:	Not available.
pH:	Not available.
Vapor pressure:	Not available.
Boiling point/range:	115.6 °C (240.1 °F)
Melting point/ range:	Not available.
Density/Relative density:	1.7
Density/Relative density:	1.9
Relative vapor density:	> 1
Flash point:	33 °C (91.4 °F)
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Autoignition temperature:	Not available.
Flammability:	Not applicable
Evaporation rate:	0.7
Solubility:	Soluble Water
Solubility:	Soluble Water
Partition coefficient n-octanol/water (logarithmic value):	Not available.
VOC content:	250 g/l (calculated)
Dynamic viscosity:	18,000 - 30,000 cp
Kinematic viscosity:	Not available.
Particle characteristics:	Not available.
Decomposition temperature:	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. Aldehydes. Acids. Irritating organic fragments.
Incompatible materials:	Strong oxidizing agents. Strong acids and strong bases. Amines.
Reactivity:	Not available.
Conditions to avoid:	Heat, flames, sparks and other sources of ignition. Note: Heating the epoxy resin in this product above 148.9 °C (300 °F) in the presence of air may cause slow oxidative decomposition. Above 260 °C (500 °F) polymerization of the epoxy resin may occur. Aliphatic polyamines can produce exothermic reactions with epoxy resins which in large masses can cause runaway polymerization and charring of the reactants. Fumes and vapors from these thermal and chemical decompositions vary widely in composition and toxicity. Do not breathe fumes. Spontaneous polymerization. Store away from incompatible materials.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure:	Skin, Inhalation, Eyes, Ingestion
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Potential Health Effects/Symptoms

Inhalation:	Inhalation of vapors or mists of the product may be irritating to the respiratory system. Vapors may cause headaches, nausea, dizziness and respiratory tract irritation.
Skin contact:	Causes skin irritation. May cause allergic skin reaction.
Eye contact:	Causes serious eye irritation.
Ingestion:	May cause gastrointestinal tract irritation if swallowed.

Hazardous Component(s)	LD50s and LC50s
Quartz (SiO ₂), <1% respirable	None
Aluminium oxide - non fibrous form	None
Epichlorohydrin-4,4'-isopropylidene diphenol resin	None
4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene	Inhalation LC50 (Rat, 4 h) = 220 ppm Inhalation LC50 (Mouse, 4 h) = 200 ppm
heptan-2-one	Oral LD50 (Mouse) = 730 mg/kg Oral LD50 (Rat) = 1,670 g/kg Dermal LD50 (Rabbit) = 12,600 mg/kg Inhalation LC50 (Rat, 4 h) = > 16.7 mg/l
Xylenes	Oral LD50 (Rat) = 6,670 mg/kg Oral LD50 (Rat) = 3,523 - 8,600 mg/kg Oral LD50 (Rat) = 4,300 mg/kg Dermal LD50 (Rabbit) = > 43 g/kg Inhalation LC50 (Rat, 4 h) = 6580 ppm Inhalation LC50 (Rat, 4 h) = 6247 ppm Inhalation LC50 (Rat, 4 h) = 5922 ppm Inhalation LC50 (Rat, 4 h) = 6700 ppm Inhalation LC50 (Rat, 4 h) = 6350 ppm
1-methoxy-2-propanol	Oral LD50 (Rat) = 36 g/kg Oral LD50 (Rat) = 5.71 g/kg Oral LD50 (Rat) = 7.51 g/kg Oral LD50 (Mouse) = 10.8 g/kg Oral LD50 (Rabbit) = 5.3 g/kg Dermal LD50 (Rabbit) = 13 g/kg
2-methoxy-1-methylethyl acetate	None
Solvent naphtha (petroleum), light arom., <0.1% Benzene	Inhalation LC50 (Rat, 4 h) = > 5,610 mg/m ³ Inhalation LC50 (Rat, 4 h) = > 7,630 mg/m ³
Carbon black	Oral LD50 (Rat) = > 8,000 mg/kg

Hazardous Component(s)	Immediate Health Effects	Delayed Health Effects	Chronic Health Effects
Quartz (SiO ₂), <1% respirable			Immune system Lung Some evidence of carcinogenicity
Aluminium oxide - non fibrous form	Irritant Nuisance dust Corrosive		
Epichlorohydrin-4,4'-isopropylidene diphenol resin	Irritant	Allergen	
4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene	Irritant		Adrenals Blood Central nervous system Immune system Kidney Liver Lung Skin Thyroid
heptan-2-one	Irritant		Central nervous system
Xylenes	Irritant		Cardiac Central nervous system Kidney Liver
1-methoxy-2-propanol	Irritant		Central nervous system Developmental

2-methoxy-1-methylethyl acetate	Irritant		Central nervous system
Solvent naphtha (petroleum), light arom., <0.1% Benzene	Irritant		
Carbon black			Respiratory Some evidence of carcinogenicity

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Quartz (SiO ₂), <1% respirable	Known To Be Human Carcinogen.	Group 1	Yes
Aluminium oxide - non fibrous form	No	No	No
Epichlorohydrin-4,4'-isopropylidene diphenol resin	No	No	No
4-Chloro-.alpha.,.alpha.,.alpha.-trifluorotoluene	No	Group 2B	No
heptan-2-one	No	No	No
Xylenes	No	No	No
1-methoxy-2-propanol	No	No	No
2-methoxy-1-methylethyl acetate	No	No	No
Solvent naphtha (petroleum), light arom., <0.1% Benzene	No	No	No
Carbon black	Known To Be Human Carcinogen.	Group 2B	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 packaging.

Canada Transportation of Dangerous Goods - Ground

Proper shipping name: PAINT
Hazard class or division: 3
Identification number: UN 1263
Packing group: III

International Air Transportation (ICAO/IATA)

Proper shipping name: Paint
Hazard class or division: 3
Identification number: UN 1263
Packing group: III

Water Transportation (IMO/IMDG)

Proper shipping name: PAINT
Hazard class or division: 3
Identification number: UN 1263
Packing group: III

15. REGULATORY INFORMATION

Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

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.

16. OTHER INFORMATION

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

Prepared by: Product Safety and Regulatory Affairs

Issue date: 05/21/2025

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Revision Number: 003.1

Issue date: 05/21/2025

1. IDENTIFICATION

Product name:	LOCTITE PC 6311 PT B	IDH number:	1602686
Product type/	Coating	Item number:	1602678_1555561
Recommended use:		Region:	Canada
Restriction of Use:	None identified	Contact information:	
Company address:	Telephone: +1 (905) 814-6511 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 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		
Henkel Canada Corporation Meadowpine Boulevard 2515 Mississauga, Ontario L5N 6C3			

2. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

DANGER: H226 - FLAMMABLE LIQUID AND VAPOUR.
 H314 - CAUSES SEVERE SKIN BURNS AND EYE DAMAGE.
 H317 - MAY CAUSE AN ALLERGIC SKIN REACTION.
 H336 - MAY CAUSE DROWSINESS OR DIZZINESS.

HAZARD CLASS	HAZARD CATEGORY
FLAMMABLE LIQUID	3
SKIN CORROSION	1
SERIOUS EYE DAMAGE	1
SKIN SENSITIZATION	1
SPECIFIC TARGET ORGAN TOXICITY - SINGLE EXPOSURE	3

PICTOGRAM(S)



Precautionary Statements

Prevention:

P210 - Keep away from heat, sparks, open flames, hot surfaces - no smoking.
 P233 - Keep container tightly closed.
 P240 - Ground and bond container and receiving equipment.
 P241 - Use explosion-proof equipment.
 P242 - Use non-sparking tools.
 P243 - Take action to prevent static discharges.
 P261 - Avoid breathing mist/vapours.
 P264 - Wash affected area thoroughly after handling.
 P271 - Use only outdoors or in a well-ventilated area.
 P272 - Contaminated work clothing should not be allowed out of the workplace.

IDH number: 1602686

Product name: LOCTITE PC 6311 PT B

Response: P280 - Wear protective gloves, clothing, eye and face protection.
P301+P330+P331 - IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.
P303+P361+P353 - If on skin (or hair): Take off immediately all contaminated clothing.
P304+P340+P310 - IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Immediately call a POISON CENTER or physician.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333+P313 - If skin irritation or rash occurs: Get medical attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use foam, dry chemical or carbon dioxide to extinguish.
P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P403+P235 - Store in a well-ventilated place. Keep cool.
P405 - Store locked up.
Storage: P501 - Dispose of contents and/or container according to Federal, State/Provincial and local governmental regulations.

Disposal:

Other hazards Not available.

Classification complies with Canadian Hazardous Products Regulations and is consistent with the provision 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	Weight %*
Fatty acids, C18-unsatd., dimers, polymers with triethylenetetramine, reaction products with poly(bisphenol A diglycidyl ether)	68424-41-9	60 - 80
1-methoxy-2-propanol	107-98-2	10 - 30
Amides, from Me epoxyhydroxyoctadecanoate, tetraethylenepentamine and vegetable-oil fatty acids	68443-08-3	10 - 30

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

4. FIRST AID MEASURES

First Aid Measures by likely routes of exposure

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention.

Skin contact: Remove contaminated clothing and footwear. Immediately flush skin with plenty of water (using soap, if available). Get medical attention. Wash clothing before reuse. Thoroughly clean shoes before reuse.

Eye contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Get medical attention.

Ingestion: DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention.

Most important symptoms and effects (acute and delayed): The most important known symptoms and effects, both acute and delayed, are described in Section 11: Toxicological Information.

Indication of any immediate medical attention / special treatment needed: Not available.

5. FIRE FIGHTING MEASURES

Extinguishing media: Water spray (fog), foam, dry chemical or carbon dioxide.

Improper extinguishing agents: Not available.

Special firefighting procedures: Wear self-contained breathing apparatus and full protective clothing, such as turn-out gear.

Unusual fire or explosion hazards: Closed containers may rupture (due to build up of pressure) when exposed to extreme heat. In case of fire, keep containers cool with water spray. Vapors are heavier than air and may travel to ignition sources and flash back.

Hazardous combustion products: Oxides of carbon. Oxides of nitrogen. Aldehydes. 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.

Environmental precautions: Do not allow product to enter sewer or waterways.

Clean-up methods: Remove all sources of ignition. Evacuate and ventilate spill area; dike spill to prevent entry into water system; wear full protective equipment during clean-up. Refer to Section 8 "Exposure Controls / Personal Protection" prior to clean up. Soak up with inert absorbent material (e.g. sand, silica gel, acid binder, universal binder, sawdust). Scrape up spilled material and place in a closed container for disposal.

7. HANDLING AND STORAGE

Handling: Prevent contact with eyes, skin and clothing. Do not breathe vapor and mist. Wash thoroughly after handling. Refer to Section 8. Use only with adequate ventilation. Keep container closed.

Storage: Store away from heat, sparks, flames, or other sources of ignition. Keep container tightly closed and in a cool, well-ventilated place away from incompatible materials. Do not reuse container.

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
1-methoxy-2-propanol	50 ppm TWA 100 ppm STEL	None	None	None

Engineering controls:	Use explosion-proof mechanical ventilation and local exhaust to control contaminants to within their occupational exposure limits during the use of this product. Mechanical exhaust is not recommended as the sole means of controlling employee exposure.
Respiratory protection:	Use NIOSH approved respirator if there is potential to exceed exposure limit(s).
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 showers and eye wash stations should be available.
Skin protection:	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:	Liquid
Color:	Light amber
Odor:	Characteristic
Odor threshold:	Not available.
pH:	Not available.
Vapor pressure:	40 mm hg (20 °C (68°F)) Estimated
Boiling point/range:	120 °C (248°F)
Melting point/ range:	Not applicable, Product is a liquid
Density/Relative density:	0.961
Relative vapor density:	Not available.
Flash point:	38 °C (100.4 °F) ; Estimated
Flammable/Explosive limits - lower:	Not available.
Flammable/Explosive limits - upper:	Not available.
Autoignition temperature:	Not available.
Flammability:	Not applicable
Evaporation rate:	< 1
Solubility:	Negligible Water
Solubility:	Slightly soluble Water
Partition coefficient n-octanol/water (logarithmic value):	Not available.
VOC content:	250 g/l
Dynamic viscosity:	3,000 - 5,000 cp
Kinematic viscosity:	Not available.
Particle characteristics:	Not applicable, Product is a liquid
Decomposition temperature:	Not available.

10. STABILITY AND REACTIVITY

Stability:	Stable under normal conditions of storage and use.
Hazardous reactions:	None under normal processing.
Hazardous decomposition products:	Oxides of carbon. Oxides of nitrogen. Aldehydes. Irritating vapors.
Incompatible materials:	Oxidizing agents. Acids. Alkalis.
Reactivity:	Not available.
Conditions to avoid:	Keep away from heat, ignition sources and incompatible materials.

11. TOXICOLOGICAL INFORMATION

Likely routes of exposure:	Skin, Inhalation, Eyes, Ingestion
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Potential Health Effects/Symptoms

Inhalation: May cause dizziness, incoordination, headache, nausea, and vomiting.
Skin contact: Causes skin burns. May cause allergic skin reaction. Corrosive to skin.
Eye contact: Causes serious eye damage. Burns.
Ingestion: Not expected under normal conditions of use. Irritation and corrosive action can occur in the mouth, stomach tissue and digestive tract if swallowed.

Hazardous Component(s)	LD50s and LC50s
Fatty acids, C18-unsatd., dimers, polymers with triethylenetetramine, reaction products with poly(bisphenol A diglycidyl ether)	None
1-methoxy-2-propanol	Oral LD50 (Rat) = 36 g/kg Oral LD50 (Rat) = 5.71 g/kg Oral LD50 (Rat) = 7.51 g/kg Oral LD50 (Mouse) = 10.8 g/kg Oral LD50 (Rabbit) = 5.3 g/kg Dermal LD50 (Rabbit) = 13 g/kg
Amides, from Me epoxyhydroxyoctadecanoate, tetraethylenepentamine and vegetable-oil fatty acids	None

Hazardous Component(s)	Immediate Health Effects	Delayed Health Effects	Chronic Health Effects
Fatty acids, C18-unsatd., dimers, polymers with triethylenetetramine, reaction products with poly(bisphenol A diglycidyl ether)			
1-methoxy-2-propanol	Irritant		Central nervous system Developmental
Amides, from Me epoxyhydroxyoctadecanoate, tetraethylenepentamine and vegetable-oil fatty acids	Irritant	Allergen	

Hazardous Component(s)	NTP Carcinogen	IARC Carcinogen	OSHA Carcinogen (Specifically Regulated)
Fatty acids, C18-unsatd., dimers, polymers with triethylenetetramine, reaction products with poly(bisphenol A diglycidyl ether)	No	No	No
1-methoxy-2-propanol	No	No	No
Amides, from Me epoxyhydroxyoctadecanoate, tetraethylenepentamine and vegetable-oil fatty acids	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 packaging.

Canada Transportation of Dangerous Goods - Ground

Proper shipping name: FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Propylenglycol monomethyl ether, Amidoamine resin)
Hazard class or division: 3 (8)
Identification number: UN 2924
Packing group: III

International Air Transportation (ICAO/IATA)

Proper shipping name: Flammable liquid, corrosive, n.o.s. (Propylenglycol monomethyl ether, Amidoamine resin)
Hazard class or division: 3 (8)
Identification number: UN 2924
Packing group: III

Water Transportation (IMO/IMDG)

Proper shipping name: FLAMMABLE LIQUID, CORROSIVE, N.O.S. (Propylenglycol monomethyl ether, Amidoamine resin)
Hazard class or division: 3 (8)
Identification number: UN 2924
Packing group: III

15. REGULATORY INFORMATION

Canada Regulatory Information

CEPA DSL/NDL Status: All components are listed on or are exempt from listing on the Canadian Domestic Substances List.

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.

16. OTHER INFORMATION

This safety data sheet contains changes from the previous version in sections: New Safety Data Sheet format.

Prepared by: Product Safety and Regulatory Affairs

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