



Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)
Issue date: 2022/09/08 SDS # 30173 Version: 1.0

SECTION 1: Identification

1.1. Product identifier

Product form : Mixture
Trade name : Ultrastick Adhesive
Product group : Trade product

1.2. Recommended use and restrictions on use

No additional information available

1.3. Supplier

Lexsuco 2010 corporation
3275 Orlando Drive
Mississauga, ON L4V 1C5 Canada
Information phone: 800-268-2889

1.4. Emergency telephone number

Emergency number : CHEMTREC: (703) 527-3887

SECTION 2: Hazard identification

2.1. Classification of the substance or mixture

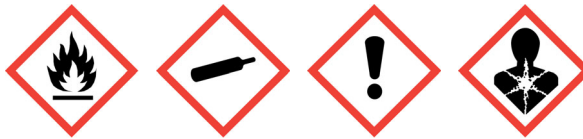
Classification (GHS CA)

Gases under pressure : Compressed gas	H280	Contains gas under pressure; may explode if heated.
Flammable liquids, Category 1	H224	Extremely flammable liquid and vapour.
Skin corrosion/irritation, Category 2	H315	Causes skin irritation.
Serious eye damage/eye irritation, Category 2A	H319	Causes serious eye irritation.
Reproductive toxicity, Category 2	H361	Suspected of damaging fertility or the unborn child.
Specific target organ toxicity – Single exposure, Category 3, Narcosis	H336	May cause drowsiness or dizziness.
Specific target organ toxicity – Repeated exposure, Category 2	H373	May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard, Category 1	H304	May be fatal if swallowed and enters airways.

2.2. GHS Label elements, including precautionary statements

GHS CA labelling

Hazard pictograms (GHS CA) :



Signal word (GHS CA) :

Danger

Hazard statements (GHS CA) :

H224 - Extremely flammable liquid and vapour.
H280 - Contains gas under pressure; may explode if heated.
H304 - May be fatal if swallowed and enters airways.
H315 - Causes skin irritation.
H319 - Causes serious eye irritation.
H336 - May cause drowsiness or dizziness.
H361 - Suspected of damaging fertility or the unborn child.
H373 - May cause damage to organs through prolonged or repeated exposure.

Precautionary statements (GHS CA) :

P201 - Obtain special instructions before use.

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

P202 - Do not handle until all safety precautions have been read and understood.
P210 - Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P233 - Keep container tightly closed.
P240 - Ground/bond container and receiving equipment.
P241 - Use explosion-proof electrical/ventilating/lighting equipment.
P242 - Use only non-sparking tools.
P243 - Take action to prevent static discharges.
P260 - Do not breathe dust/fume/gas/mist/vapours/spray.
P261 - Avoid breathing dust/fume/gas/mist/vapours/spray.
P264 - Wash hands, forearms and face thoroughly after handling.
P271 - Use only outdoors or in a well-ventilated area.
P280 - Wear protective gloves, protective clothing, chemical goggles, & face protection.
P301+P310 - IF SWALLOWED: Immediately call a POISON CENTER or doctor.
P302+P352 - IF ON SKIN: Wash with plenty of water.
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water .
P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P308+P313 - IF exposed or concerned: Get medical advice/attention.
P312 - Call a POISON CENTER or doctor if you feel unwell.
P314 - Get medical advice/attention if you feel unwell.
P331 - Do NOT induce vomiting.
P332+P313 - If skin irritation occurs: Get medical advice/attention.
P337+P313 - If eye irritation persists: Get medical advice/attention.
P362+P364 - Take off contaminated clothing and wash it before reuse.
P370+P378 - In case of fire: Use media other than water 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.
P410+P403 - Protect from sunlight. Store in a well-ventilated place.
P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

2.3. Other hazards

No additional information available

2.4. Unknown acute toxicity (GHS CA)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

Name	Product identifier	%
Petroleum gases, liquefied, sweetened	CAS-No.: 68476-86-8	10 – 30
Acetone	CAS-No.: 67-64-1	10 – 30

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Name	Product identifier	%
Distillates, petroleum, light distillate hydrotreating process, low-boiling	CAS-No.: 68410-97-9	1-5
Isobutane	CAS-No.: 75-28-5	5 – 10
Dimethyl ether	CAS-No.: 115-10-6	5 – 10
Propane	CAS-No.: 74-98-6	3-7
Cyclohexane	CAS-No.: 110-82-7	1 – 5
Isopentane	CAS-No.: 78-78-4	7-13
Pentane	CAS-No.: 109-66-0	1 – 5
Toluene	CAS-No.: 108-88-3	1 – 5
Naphtha, petroleum, hydrotreated light	CAS-No.: 64742-49-0	0.1 – 1
Hexane	CAS-No.: 110-54-3	0.1 – 1

SECTION 4: First-aid measures

4.1. Description of first aid measures

First-aid measures after inhalation	: IF INHALED: Remove to fresh air and keep at rest in a position comfortable for breathing. Get medical attention. If breathing is difficult, supply oxygen. If breathing has stopped, give artificial respiration.
First-aid measures after skin contact	: IF ON SKIN (or clothing): Remove affected clothing and wash all exposed skin with water for at least 15 minutes. If irritation develops or persists, get medical attention immediately.
First-aid measures after eye contact	: IF IN EYES: Immediately flush with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do so. Continue rinsing if pain, blinking, or irritation develops or persists, get medical attention. Continue rinsing.
First-aid measures after ingestion	: IF SWALLOWED: rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention immediately.
First-aid measures general	: If exposed or concerned, get medical attention/advice. Show this safety data sheet to the doctor in attendance. Wash contaminated clothing before re-use. Never give anything to an unconscious person.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms/effects	: May cause drowsiness or dizziness. Causes serious eye irritation. Suspected of damaging fertility. Suspected of damaging the unborn child. Causes skin irritation. May cause damage to organs through prolonged or repeated exposure. May displace oxygen and cause rapid suffocation. May be fatal if swallowed and enters airways.
Symptoms/effects after inhalation	: May be fatal if swallowed and enters airways. May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: May be fatal if swallowed and enters airways.

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Chronic symptoms : Suspected of damaging fertility. Suspected of damaging the unborn child. May cause damage to organs through prolonged or repeated exposure.

4.3. Immediate medical attention and special treatment, if necessary

No additional information available

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media : Foam. Dry powder. Carbon dioxide.

5.2. Unsuitable extinguishing media

Unsuitable extinguishing media : Direct water spray.

5.3. Specific hazards arising from the hazardous product

Fire hazard : Extremely flammable liquid and vapour.
Explosion hazard : Static discharge may serve as an ignition source for this product. Pressurised container: May burst if heated.

5.4. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Exercise caution when fighting any chemical fire. Do not dispose of fire-fighting water in the environment. Prevent human exposure to fire, fumes, smoke and products of combustion.
Protection during firefighting : Do not enter fire area without proper protective equipment, including respiratory protection.
Other information : Vapours may travel long distances along ground before igniting/flashback to vapour source. This material is flammable and may be ignited by heat, sparks, or static electricity.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures : Evacuate area. Keep upwind. Ventilate area. Spill should be handled by trained cleaning personnel properly equipped with respiratory equipment and full chemical protective gear. Avoid vapour formation. In case of spills, beware of slippery floors and surfaces. Eliminate all sources of ignition. Vapour may cause flash fires. Vapours are heavier than air and can travel long distances to ignition sources.

6.2. Methods and materials for containment and cleaning up

For containment : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.
Methods for cleaning up : Remove all sources of ignition. Avoid breathing of vapours. Wear appropriate respirator and other protective clothing. Ventilate. Shut off source of leak only if safe to do so. Soak up with absorbent material, and place in non-leaking containers for proper disposal.

6.3. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling : Keep away from heat, sparks and open flames. Use adequate ventilation and avoid repeated or prolonged skin contact. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Provide good ventilation in process area to prevent formation of vapour. Ground/bond container and receiving equipment. Prohibit smoking in storage area. Avoid contact with skin and eyes.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions : Store in a well-ventilated place. Keep container tightly closed. Isolate from oxidizers, heat, sparks, electrical equipment and open flame. Closed containers may explode if exposed to extreme heat. Store in a cool, dry place. Prohibit smoking in storage area.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Distillates, petroleum, light distillate hydrotreating process, low-boiling (68410-97-9)

USA - ACGIH - Occupational Exposure Limits

Remark (ACGIH)	OELs not established
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USA - OSHA - Occupational Exposure Limits

Remark (OSHA)	OELs not established
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Cyclohexane (110-82-7)

Canada (Alberta) - Occupational Exposure Limits

Local name	Cyclohexane
OEL TWA	344 mg/m ³
OEL TWA [ppm]	100 ppm
Regulatory reference	Alberta Regulation 191/2021

Canada (Quebec) - Occupational Exposure Limits

VEMP (OEL TWA)	1030 mg/m ³
VEMP (OEL TWA) [ppm]	300 ppm

Canada (British Columbia) - Occupational Exposure Limits

Local name	Cyclohexane
OEL TWA [ppm]	100 ppm
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)

Canada (Manitoba) - Occupational Exposure Limits

Local name	Cyclohexane
OEL TWA [ppm]	100 ppm
Notations and remarks	TLV® Basis: CNS impair
Regulatory reference	ACGIH 2022

Canada (New Brunswick) - Occupational Exposure Limits

OEL TWA	1030 mg/m ³
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Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Cyclohexane (110-82-7)	
OEL TWA [ppm]	300 ppm
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Cyclohexane
OEL TWA [ppm]	100 ppm
Notations and remarks	TLV® Basis: CNS impair
Regulatory reference	ACGIH 2022
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Cyclohexane
OEL TWA [ppm]	100 ppm
Notations and remarks	TLV® Basis: CNS impair
Regulatory reference	ACGIH 2022
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Cyclohexane
OEL TWA [ppm]	100 ppm
OEL STEL [ppm]	150 ppm
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
OEL TWA [ppm]	100 ppm
OEL STEL [ppm]	150 ppm
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Ontario) - Occupational Exposure Limits	
OEL TWA [ppm]	100 ppm
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Cyclohexane
OEL TWA [ppm]	100 ppm
Notations and remarks	TLV® Basis: CNS impair
Regulatory reference	ACGIH 2022
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Cyclohexane
OEL TWA [ppm]	100 ppm
OEL STEL [ppm]	150 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
Canada (Yukon) - Occupational Exposure Limits	
OEL TWA	1050 mg/m ³
OEL TWA [ppm]	300 ppm
OEL STEL	1300 mg/m ³
OEL STEL [ppm]	375 ppm

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Cyclohexane (110-82-7)	
USA - ACGIH - Occupational Exposure Limits	
Local name	Cyclohexane
ACGIH OEL TWA [ppm]	100 ppm
Remark (ACGIH)	TLV® Basis: CNS impair
Regulatory reference	ACGIH 2022
USA - ACGIH - Biological Exposure Indices	
Local name	CYCLOHEXANE
BEI	50 mg/g creatinine Parameter: 1,2-Cyclohexanediol - Medium: urine - Sampling time: End of shift, end of workweek - Notations: Ns
Regulatory reference	ACGIH 2022
USA - OSHA - Occupational Exposure Limits	
Local name	Cyclohexane
OSHA PEL TWA [1]	1050 mg/m ³
OSHA PEL TWA [2]	300 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Isopentane (78-78-4)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	600 ppm (listed under Pentane, all isomers)
USA - OSHA - Occupational Exposure Limits	
Remark (OSHA)	OELs not established
Pentane (109-66-0)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL TWA [ppm]	600 ppm (listed under Pentane, all isomers)
USA - OSHA - Occupational Exposure Limits	
OSHA PEL TWA [1]	2950 mg/m ³
OSHA PEL TWA [2]	1000 ppm
Naphtha, petroleum, hydrotreated light (64742-49-0)	
USA - ACGIH - Occupational Exposure Limits	
Remark (ACGIH)	OELs not established
USA - OSHA - Occupational Exposure Limits	
Remark (OSHA)	OELs not established
Hexane (110-54-3)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	n-Hexane
OEL TWA	176 mg/m ³
OEL TWA [ppm]	50 ppm
Notations and remarks	Substance may be readily absorbed through intact skin.

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Hexane (110-54-3)	
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
VEMP (OEL TWA)	176 mg/m ³
VEMP (OEL TWA) [ppm]	50 ppm
Canada (British Columbia) - Occupational Exposure Limits	
Local name	n-Hexane
OEL TWA [ppm]	20 ppm
Notations and remarks	Skin
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	n-Hexane
OEL TWA [ppm]	50 ppm
Notations and remarks	TLV® Basis: CNS impair; peripheral neuropathy; eye irr. Notations: Skin; BEI
Regulatory reference	ACGIH 2022
Canada (New Brunswick) - Occupational Exposure Limits	
OEL TWA	176 mg/m ³
OEL TWA [ppm]	50 ppm
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	n-Hexane
OEL TWA [ppm]	50 ppm
Notations and remarks	TLV® Basis: CNS impair; peripheral neuropathy; eye irr. Notations: Skin; BEI
Regulatory reference	ACGIH 2022
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	n-Hexane
OEL TWA [ppm]	50 ppm
Notations and remarks	TLV® Basis: CNS impair; peripheral neuropathy; eye irr. Notations: Skin; BEI
Regulatory reference	ACGIH 2022
Canada (Nunavut) - Occupational Exposure Limits	
OEL TWA [ppm]	50 ppm
OEL STEL [ppm]	62.5 ppm
Notations and remarks	Skin
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016
Canada (Northwest Territories) - Occupational Exposure Limits	
OEL TWA [ppm]	50 ppm
OEL STEL [ppm]	62.5 ppm
Notations and remarks	Skin
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Hexane (110-54-3)	
Canada (Ontario) - Occupational Exposure Limits	
OEL TWA [ppm]	50 ppm
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	n-Hexane
OEL TWA [ppm]	50 ppm
Notations and remarks	TLV® Basis: CNS impair; peripheral neuropathy; eye irr. Notations: Skin; BEI
Regulatory reference	ACGIH 2022
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Hexane (n-Hexane)
OEL TWA [ppm]	50 ppm
OEL STEL [ppm]	62.5 ppm
Notations and remarks	Skin
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
Canada (Yukon) - Occupational Exposure Limits	
OEL TWA	360 mg/m ³
OEL TWA [ppm]	100 ppm
OEL STEL	450 mg/m ³
OEL STEL [ppm]	125 ppm
USA - ACGIH - Occupational Exposure Limits	
Local name	n-Hexane
ACGIH OEL TWA [ppm]	50 ppm
Remark (ACGIH)	TLV® Basis: CNS impair; peripheral neuropathy; eye irr. Notations: Skin; BEI
ACGIH chemical category	Skin - potential significant contribution to overall exposure by the cutaneous route
Regulatory reference	ACGIH 2022
USA - ACGIH - Biological Exposure Indices	
Local name	n-HEXANE
BEI	0.5 mg/l Parameter: 2,5-Hexanedione without hydrolysis - Medium: urine - Sampling time: end of shift
Regulatory reference	ACGIH 2022
USA - OSHA - Occupational Exposure Limits	
Local name	n-Hexane
OSHA PEL TWA [1]	1800 mg/m ³
OSHA PEL TWA [2]	500 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Toluene (108-88-3)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Toluene (Toluol)

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Toluene (108-88-3)	
OEL TWA	188 mg/m ³
OEL TWA [ppm]	50 ppm
Notations and remarks	Substance may be readily absorbed through intact skin.
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
VEMP (OEL TWA)	188 mg/m ³
VEMP (OEL TWA) [ppm]	50 ppm
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Toluene
OEL TWA [ppm]	20 ppm
Notations and remarks	R (Adverse reproductive effect)
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Toluene
OEL TWA [ppm]	20 ppm
Notations and remarks	TLV® Basis: CNS, visual & hearing impair; female repro system eff; pregnancy loss. Notations: OTO; A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2022
Canada (New Brunswick) - Occupational Exposure Limits	
OEL TWA	188 mg/m ³
OEL TWA [ppm]	50 ppm
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Toluene
OEL TWA [ppm]	20 ppm
Notations and remarks	TLV® Basis: CNS, visual & hearing impair; female repro system eff; pregnancy loss. Notations: OTO; A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2022
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Toluene
OEL TWA [ppm]	20 ppm
Notations and remarks	TLV® Basis: CNS, visual & hearing impair; female repro system eff; pregnancy loss. Notations: OTO; A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2022
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Toluene (toluol)
OEL TWA [ppm]	50 ppm
OEL STEL [ppm]	60 ppm
Notations and remarks	Skin

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Toluene (108-88-3)	
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Toluene (toluol)
OEL TWA [ppm]	50 ppm
OEL STEL [ppm]	60 ppm
Notations and remarks	Skin
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Ontario) - Occupational Exposure Limits	
OEL TWA [ppm]	20 ppm
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Toluene
OEL TWA [ppm]	20 ppm
Notations and remarks	TLV® Basis: CNS, visual & hearing impair; female repro system eff; pregnancy loss. Notations: OTO; A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2022
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Toluene (toluol)
OEL TWA [ppm]	50 ppm
OEL STEL [ppm]	60 ppm
Notations and remarks	Skin
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
Canada (Yukon) - Occupational Exposure Limits	
OEL TWA	375 mg/m ³
OEL TWA [ppm]	100 ppm
OEL STEL	560 mg/m ³
OEL STEL [ppm]	150 ppm
USA - ACGIH - Occupational Exposure Limits	
Local name	Toluene
ACGIH OEL TWA [ppm]	20 ppm
Remark (ACGIH)	TLV® Basis: CNS, visual & hearing impair; female repro system eff; pregnancy loss. Notations: OTO; A4 (Not classifiable as a Human Carcinogen); BEI
ACGIH chemical category	Not Classifiable as a Human Carcinogen
Regulatory reference	ACGIH 2022
USA - ACGIH - Biological Exposure Indices	
Local name	TOLUENE
BEI	0.02 mg/l Parameter: Toluene - Medium: blood - Sampling time: prior to last shift of workweek 0.03 mg/l Parameter: Toluene - Medium: urine - Sampling time: end of shift 0.3 mg/g creatinine Parameter: o-Cresol with hydrolysis - Medium: urine - Sampling time: end of shift (background)

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Toluene (108-88-3)	
Regulatory reference	ACGIH 2022
USA - OSHA - Occupational Exposure Limits	
Local name	Toluene
OSHA PEL TWA [2]	200 ppm
OSHA PEL C [ppm]	300 ppm (500 ppm Peak [10 minutes])
Acceptable maximum peak above the acceptable ceiling concentration for an 8-hr shift	500 ppm 10 mins.
Remark (OSHA)	(2) See Table Z-2.
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-2
Petroleum gases, liquefied, sweetened (68476-86-8)	
USA - OSHA - Occupational Exposure Limits	
Remark (OSHA)	OELs not established
Isobutane (75-28-5)	
USA - ACGIH - Occupational Exposure Limits	
ACGIH OEL STEL [ppm]	1000 ppm
USA - OSHA - Occupational Exposure Limits	
Remark (OSHA)	OELs not established
Propane (74-98-6)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Propane
OEL TWA [ppm]	1000 ppm
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
VEMP (OEL TWA)	1800 mg/m ³
VEMP (OEL TWA) [ppm]	1000 ppm
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Propane
Notations and remarks	Simple asphyxiant; EX (Substance is a flammable asphyxiant or excursions above the exposure limit could approach 10% of the lower explosive limit)
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Propane
Notations and remarks	TLV® Basis: Simple Asphyxiant
Regulatory reference	ACGIH 2022
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Propane
Notations and remarks	TLV® Basis: Simple Asphyxiant
Regulatory reference	ACGIH 2022

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Propane (74-98-6)	
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Propane
Notations and remarks	TLV® Basis: Simple Asphyxiant
Regulatory reference	ACGIH 2022
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Propane
OEL TWA [ppm]	1000 ppm
OEL STEL [ppm]	1250 ppm
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
OEL TWA [ppm]	1000 ppm
OEL STEL [ppm]	1250 ppm
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Propane
Notations and remarks	TLV® Basis: Simple Asphyxiant
Regulatory reference	ACGIH 2022
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Propane
OEL TWA [ppm]	1000 ppm
OEL STEL [ppm]	1250 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
USA - ACGIH - Occupational Exposure Limits	
Local name	Propane
ACGIH OEL TWA [ppm]	Listed under aliphatic hydrocarbon gases: Alkane
Remark (ACGIH)	TLV® Basis: Simple Asphyxiant
ACGIH chemical category	Simple asphyxiant See Appendix F: Minimal Oxygen Content
Regulatory reference	ACGIH 2022
USA - OSHA - Occupational Exposure Limits	
Local name	Propane
OSHA PEL TWA [1]	1800 mg/m ³
OSHA PEL TWA [2]	1000 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1
Acetone (67-64-1)	
Canada (Alberta) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA	1200 mg/m ³

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Acetone (67-64-1)	
OEL TWA [ppm]	500 ppm
OEL STEL	1800 mg/m ³
OEL STEL [ppm]	750 ppm
Notations and remarks	eye irr; CNS impair; BEI
Regulatory reference	Alberta Regulation 191/2021
Canada (Quebec) - Occupational Exposure Limits	
VECD (OEL STEL)	2380 mg/m ³
VECD (OEL STEL) [ppm]	1000 ppm
VEMP (OEL TWA)	1190 mg/m ³
VEMP (OEL TWA) [ppm]	500 ppm
Canada (British Columbia) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA [ppm]	250 ppm
OEL STEL [ppm]	500 ppm
Notations and remarks	eye irr; CNS impair; BEI
Regulatory reference	OHS Guidelines Part 5: Chemical Agents and Biological Agents (WorkSafe BC)
Canada (Manitoba) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA [ppm]	250 ppm
OEL STEL [ppm]	500 ppm
Notations and remarks	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2022
Canada (New Brunswick) - Occupational Exposure Limits	
OEL TWA	1188 mg/m ³
OEL TWA [ppm]	250 ppm
OEL STEL	1782 mg/m ³
OEL STEL [ppm]	500 ppm
Notations and remarks	eye irr; CNS impair; BEI
Canada (Newfoundland and Labrador) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA [ppm]	250 ppm
OEL STEL [ppm]	500 ppm
Notations and remarks	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2022

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Acetone (67-64-1)	
Canada (Nova Scotia) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA [ppm]	250 ppm
OEL STEL [ppm]	500 ppm
Notations and remarks	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2022
Canada (Nunavut) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA [ppm]	500 ppm
OEL STEL [ppm]	750 ppm
Notations and remarks	eye irr; CNS impair; BEI
Regulatory reference	Occupational Health and Safety Regulations, Nu Reg 003-2016 (Amendment R-044-2021)
Canada (Northwest Territories) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA [ppm]	500 ppm
OEL STEL [ppm]	750 ppm
Notations and remarks	eye irr; CNS impair; BEI
Regulatory reference	Occupation Health and Safety Regulations R-039-2015 (R-013-2020)
Canada (Ontario) - Occupational Exposure Limits	
OEL TWA [ppm]	250 ppm
OEL STEL [ppm]	500 ppm
Canada (Prince Edward Island) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA [ppm]	250 ppm
OEL STEL [ppm]	500 ppm
Notations and remarks	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
Regulatory reference	ACGIH 2022
Canada (Saskatchewan) - Occupational Exposure Limits	
Local name	Acetone
OEL TWA [ppm]	500 ppm
OEL STEL [ppm]	750 ppm
Regulatory reference	The Occupational Health and Safety Regulations, 2020. Chapter S-15.1 Reg 10
Canada (Yukon) - Occupational Exposure Limits	
OEL TWA	2400 mg/m ³
OEL TWA [ppm]	1000 ppm

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Acetone (67-64-1)	
OEL STEL	3000 mg/m ³
OEL STEL [ppm]	1250 ppm
USA - ACGIH - Occupational Exposure Limits	
Local name	Acetone
ACGIH OEL TWA [ppm]	500 ppm
ACGIH OEL STEL [ppm]	750 ppm
Remark (ACGIH)	TLV® Basis: URT & eye irr; CNS impair. Notations: A4 (Not classifiable as a Human Carcinogen); BEI
ACGIH chemical category	Not Classifiable as a Human Carcinogen
Regulatory reference	ACGIH 2022
USA - ACGIH - Biological Exposure Indices	
Local name	ACETONE
BEI	25 mg/l Parameter: Acetone - Medium: urine - Sampling time: end of shift (nonspecific)
Regulatory reference	ACGIH 2022
USA - OSHA - Occupational Exposure Limits	
Local name	Acetone
OSHA PEL TWA [1]	2400 mg/m ³
OSHA PEL TWA [2]	1000 ppm
OSHA PEL STEL [1]	2400 mg/m ³ (The acetone STEL does not apply to the cellulose acetate fiber industry. It is in effect for all other sectors)
OSHA PEL STEL [2]	1000 ppm
Regulatory reference (US-OSHA)	OSHA Annotated Table Z-1

8.2. Appropriate engineering controls

Appropriate engineering controls : Provide adequate general and local exhaust ventilation. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits. Use explosion-proof equipment with flammable materials. Ensure adequate ventilation, especially in confined areas.

8.3. Individual protection measures/Personal protective equipment

Personal protective equipment:

Protective goggles. Gloves. Wear chemically impervious apron over labcoat and full coverage clothing. Insufficient ventilation: wear respiratory protection.

Hand protection:

Use gloves chemically resistant to this material when prolonged or repeated contact could occur. Gloves should be classified under Standard EN 374 or ASTM F1296. Rubber or Neoprene Gloves

Eye protection:

Wear eye protection, including chemical splash goggles and a face shield when possibility exists for eye contact due to spraying liquid or airborne particles.

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Skin and body protection:

Wear long sleeves, and chemically impervious PPE/coveralls to minimize bodily exposure.

Respiratory protection:

Wear a NIOSH-approved (or equivalent) full-facepiece airline respirator in the positive pressure mode with emergency escape provisions. In case of inadequate ventilation or risk of inhalation of vapours, use suitable respiratory equipment with gas filter (type A2). Use a positive-pressure air-supplied respirator if there is any potential for an uncontrolled release, exposure levels are not known, or any other circumstances where air-purifying respirators may not provide adequate protection.

Personal protective equipment symbol(s):



SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Liquid adhesive in pressurized canister.
Colour	: No data available
Odour	: Solvent
Odour threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Relative evaporation rate (ether=1)	: No data available
Melting point	: No data available
Freezing point	: No data available
Boiling point	: No data available
Flash point	: -104 °C Open Cup (-156 °F)
Auto-ignition temperature	: 225 °C (n-Hexane 437 °F)
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: No data available
Relative vapour density at 20 °C	: Greater than air
Relative density	: 0.67 – 0.69
Solubility	: Insoluble.
Partition coefficient n-octanol/water (Log Pow)	: No data available
Viscosity, kinematic	: No data available
Explosive limits	: 1.1 – 27 vol % (1.1% for n-Hexane and Toluene, 27% for Dimethyl Ether)

9.2. Other information

VOC content : 490 g/l

SECTION 10: Stability and reactivity

Reactivity	: No dangerous reactions known under normal conditions of use.
Chemical stability	: Stable under recommended handling and storage conditions (see section 7).
Possibility of hazardous reactions	: None known.
Conditions to avoid	: Heat, flame. Ignition sources.
Incompatible materials	: Copper and copper alloys, strong acids, alkalies and oxidizers.
Hazardous decomposition products	: Carbon oxides (CO, CO ₂). Various hydrocarbons.

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Hardening time: : No additional information available

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

Distillates, petroleum, light distillate hydrotreating process, low-boiling (68410-97-9)

LD50 oral rat	5170 mg/kg
LD50 dermal rabbit	> 3000 mg/kg
LC50 Inhalation - Rat [ppm]	> 12408 ppm/4h

Cyclohexane (110-82-7)

LD50 oral rat	12705 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 Inhalation - Rat	13.9 mg/l/4h

Isopentane (78-78-4)

LC50 Inhalation - Rat	280000 mg/m ³ 4 h
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Pentane (109-66-0)

LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	3000 mg/kg
LC50 Inhalation - Rat	364 g/m ³ 4 h

Naphtha, petroleum, hydrotreated light (64742-49-0)

LD50 oral rat	> 5000 mg/kg
LD50 dermal rabbit	> 3160 mg/kg
LC50 Inhalation - Rat [ppm]	73680 ppm/4h
ATE CA (Gases (except aerosol dispensers and lighters))	73680 ppmv/4h

Hexane (110-54-3)

LD50 oral rat	25 g/kg
LD50 dermal rat	> 2000 mg/kg Source: ECHA
LD50 dermal rabbit	3000 mg/kg
LC50 Inhalation - Rat [ppm]	48000 ppm/4h
ATE CA (Dermal)	3000 mg/kg bodyweight
ATE CA (Gases (except aerosol dispensers and lighters))	48000 ppmv/4h

Toluene (108-88-3)

LD50 oral rat	2600 mg/kg
LD50 dermal rabbit	12000 mg/kg

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

Toluene (108-88-3)	
LC50 Inhalation - Rat	12.5 mg/l/4h
LC50 Inhalation - Rat (Vapours)	> 20 mg/l Source: ECHA
ATE CA (oral)	2600 mg/kg bodyweight
ATE CA (Dermal)	12000 mg/kg bodyweight
ATE CA (vapours)	12.5 mg/l/4h
ATE CA (dust,mist)	12.5 mg/l/4h
Isobutane (75-28-5)	
LC50 Inhalation - Rat	658 mg/l/4h
Propane (74-98-6)	
LC50 Inhalation - Rat	658 mg/l/4h
LC50 Inhalation - Rat [ppm]	800000 ppm Source: ECHA
ATE CA (vapours)	658 mg/l/4h
ATE CA (dust,mist)	658 mg/l/4h
Dimethyl ether (115-10-6)	
LC50 Inhalation - Rat	308.5 mg/l/4h (Source: IUCLID)
Acetone (67-64-1)	
LD50 oral rat	5800 mg/kg
LD50 dermal rat	> 15700 mg/kg
LD50 dermal rabbit	> 15700 mg/kg
LC50 Inhalation - Rat	50100 mg/m ³ 8 h
LC50 Inhalation - Rat (Vapours)	76 mg/l Source: ECHA
ATE CA (vapours)	50.1 mg/l/4h
ATE CA (dust,mist)	50.1 mg/l/4h

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Causes serious eye irritation.
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Suspected of damaging fertility or the unborn child.
STOT-single exposure	: May cause drowsiness or dizziness.
STOT-repeated exposure	: May cause damage to organs through prolonged or repeated exposure.
Aspiration hazard	: May be fatal if swallowed and enters airways.
Symptoms/effects	: May cause drowsiness or dizziness. Causes serious eye irritation. Suspected of damaging fertility. Suspected of damaging the unborn child. Causes skin irritation. May cause damage to organs through prolonged or repeated exposure. May displace oxygen and cause rapid suffocation. May be fatal if swallowed and enters airways.
Symptoms/effects after inhalation	: May be fatal if swallowed and enters airways. May cause drowsiness or dizziness.
Symptoms/effects after skin contact	: Causes skin irritation.
Symptoms/effects after eye contact	: Causes serious eye irritation.
Symptoms/effects after ingestion	: May be fatal if swallowed and enters airways.
Chronic symptoms	: Suspected of damaging fertility. Suspected of damaging the unborn child. . May cause damage to organs through prolonged or repeated exposure.

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : Product may kill grasses and small plants. Not expected to be toxic to fish. Moderately toxic to amphibians. May cause gastrointestinal distress to birds and mammals through ingestion.

Hazardous to the aquatic environment, short-term (acute) : Not classified

Hazardous to the aquatic environment, long-term (chronic) : Not classified

12.2. Persistence and degradability

Ultrastick Adhesive

Persistence and degradability	The product is not biodegradable.
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12.3 Bioaccumulative potential

No additional information available.

12.4. Mobility in soil

No additional information available.

12.5. Other adverse effects

Ozone : Not classified

SECTION 13: Disposal considerations

13.1. Disposal methods

Waste treatment methods : Obtain the consent of pollution control authorities before discharging to wastewater treatment plants. No discharges to surface waters are allowed without authorization under the Wastewater Systems Effluent Regulations. Follow all national, provincial and local requirements for wastewater discharge.

Product/Packaging disposal recommendations : Dispose in a safe manner in accordance with local/national regulations. Do not allow the product to be released into the environment.

SECTION 14: Transport information

In accordance with TDG / DOT / IMDG / IATA

14.1. UN number

UN-No. (TDG)	: UN3501
DOT NA No	: UN3501
UN-No. (IMDG)	: UN3501
UN-No. (IATA)	: UN3501

14.2. UN proper shipping name

Proper Shipping Name (TDG)	: Chemical under pressure, flammable, n.o.s.
Proper Shipping Name (DOT)	: Chemical under pressure, flammable, n.o.s.
Proper Shipping Name (IMDG)	: Chemical under pressure, flammable, n.o.s.
Proper Shipping Name (IATA)	: Chemical under pressure, flammable, n.o.s.

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

14.3. Transport hazard class(es)

DOT

Transport hazard class(es) (TDG) : 2.1
Hazard labels (DOT) : 2.1



Transport hazard class(es) (DOT) : 2.1
Hazard labels (DOT) : 2.1
:



IMDG

Transport hazard class(es) (IMDG) : 2.1
Danger labels (IMDG) : 2.1



IATA

Transport hazard class(es) (IATA) : 2.1
Danger labels (IATA) : 2.1



14.4. Packing group

Packing group (TDG) : Not applicable
Packing group (DOT) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

14.5. Environmental hazards

Other information : No supplementary information available.

14.6. Special precautions for user

TDG

No data available

DOT

UN-No.(DOT) : UN3501
DOT Special Provisions (49 CFR 172.102) : T50 - When portable tank instruction T50 is referenced in Column (7) of the 172.101 Table, the applicable liquefied compressed gases are authorized to be transported in portable tanks in accordance with the requirements of 173.313 of this subchapter.
DOT Packaging Exceptions (49 CFR 173.xxx) : None
DOT Packaging Non Bulk (49 CFR 173.xxx) : 335
DOT Packaging Bulk (49 CFR 173.xxx) : 313;315

Ultrastick Adhesive

Safety Data Sheet

Prepared according to Canadian Hazardous Products Regulations (SOR/2015-17) (WHMIS 2015)

DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : Forbidden

DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 75 kg

DOT Vessel Stowage Location : D - The material must be stowed "on deck only" on a cargo vessel and on a passenger vessel carrying a number of passengers limited to not more than the larger of 25 passengers or one passenger per each 3 m of overall vessel length, but the material is prohibited on passenger vessels in which the limiting number of passengers is exceeded.

DOT Vessel Stowage Other : 40 - Stow "clear of living quarters"

IMDG

No data available

IATA

No data available

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Not applicable

SECTION 15: Regulatory information

15.1. National regulations

Ultrastick Adhesive

All chemical substances in this product are listed on the Canadian Domestic Substances List (DSL) or are exempt

15.2. International regulations

Ultrastick Adhesive

All components of this product are listed on the TSCA inventory or are exempt.

SECTION 16: Other information

Issue date : 16 August 2022

Other information : Author: AK.

Safety Data Sheet (SDS), Canada

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.