

Wilsonart® Wilsonart 121 Adhesive Cleaner

Safety Data Sheet

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

Date of issue: 08/17/2016 Revision date: 08/28/2015 SDS# 30049 Version: 2

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Trade name : Wilsonart 121 Adhesive Cleaner

Product form : Mixture

1.2. Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture : Cleaning solvent for laminate

1.3. Details of the supplier of the safety data sheet

Manufacturer:

Wilsonart LLC
P.O. Box 6110
Temple, TX 76503-6110
Information phone: 800-433-3222 (USA)
In Case of Emergency Contact CHEMTREC (International): 703-527-3887

Canadian Supplier:

Wilsonart Canada
380 Courtney Park Dr. East, Unit A
Mississauga, Ontario L5T 2S5
905-565-7855

1.4. Emergency telephone number

Emergency number : CHEMTREC: (800) 424-9300

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

GHS-CAN classification

Flam. Liq. 2 H225

Skin Irrit. 2 H315

Repr. 2 H361

STOT SE 3 H336

Asp. Tox. 1 H304

2.2. Label elements

GHS-CAN labelling

Hazard pictograms (GHS-CAN) :



GHS02



GHS07



GHS08

Signal word (GHS-CAN) :

Danger

Hazard statements (GHS-CAN) :

H225 - Highly flammable liquid and vapour
H304 - May be fatal if swallowed and enters airways
H315 - Causes skin irritation
H336 - May cause drowsiness or dizziness
H361 - Suspected of damaging fertility. Suspected of damaging the unborn child

Precautionary statements (GHS-CAN) :

P201 - Obtain special instructions before use
P202 - Do not handle until all safety precautions have been read and understood
P210 - Keep away from heat, hot surfaces, open flames, sparks. - No smoking
P233 - Keep container tightly closed
P240 - Ground/bond container and receiving equipment
P241 - Use explosion-proof electrical, lighting, ventilating equipment
P242 - Use only non-sparking tools
P243 - Take precautionary measures against static discharge
P261 - Avoid breathing mist, spray, vapours
P264 - Wash hands, forearms and face thoroughly after handling
P271 - Use only outdoors or in a well-ventilated area
P280 - Wear eye protection, protective clothing, protective gloves
P301+P310 - IF SWALLOWED: Immediately call a doctor, a poison center
P302+P352 - If on skin: Wash with plenty of soap and water
P303+P361+P353 - IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower

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P304+P340 - IF INHALED: Remove person to fresh air and keep comfortable for breathing
P308+P313 - If exposed or concerned: Get medical advice/attention
P312 - Call a doctor, a poison center if you feel unwell
P321 - Specific treatment (see first aid instructions on this label)
P331 - Do NOT induce vomiting
P332+P313 - If skin irritation occurs: Get medical advice/attention
P362 - Take off contaminated clothing and wash before reuse
P370+P378 - In case of fire: Use alcohol resistant foam, dry extinguishing powder, carbon dioxide (CO₂) 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
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-CAN)

No data available

SECTION 3: Composition/information on ingredients

3.1. Substance

Not applicable

3.2. Mixture

Name	Product identifier	%
Distillates, petroleum, light distillate hydrotreating process, low-boiling	(CAS No) 68410-97-9	75.62
Cyclohexane	(CAS No) 110-82-7	12.19
Isopentane	(CAS No) 78-78-4	12.19
Pentane	(CAS No) 109-66-0	12.19
Naphtha, petroleum, hydrotreated light	(CAS No) 64742-49-0	1.463
Hexane	(CAS No) 110-54-3	1.463

SECTION 4: First aid measures

4.1. Description of first aid measures

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.

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.

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. 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.

4.2. Most important symptoms and effects, both acute and delayed

Symptoms/injuries : May be fatal if swallowed and enters airways. Causes skin irritation. Suspected of damaging fertility. Suspected of damaging the unborn child. May cause drowsiness or dizziness.

Symptoms/injuries after inhalation : May be fatal if swallowed and enters airways. May cause drowsiness or dizziness.

Symptoms/injuries after skin contact : Causes skin irritation.

Symptoms/injuries after eye contact : Direct contact with the eyes is likely to be irritating.

Symptoms/injuries after ingestion : May be fatal if swallowed and enters airways.

Chronic symptoms : Suspected of damaging fertility. Suspected of damaging the unborn child.

4.3. Indication of any immediate medical attention and special treatment needed

No additional information available

SECTION 5: Firefighting measures

5.1. Extinguishing media

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

Unsuitable extinguishing media : Direct water spray.

5.2. Special hazards arising from the substance or mixture

Fire hazard : Flammable liquid and vapour.

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Explosion hazard : Static discharge may serve as an ignition source for this product.

5.3. Advice for firefighters

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.

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 clean-up crews properly equipped with respiratory equipment and full chemical protective gear (see Section 8). Avoid vapor formation. In case of spills, beware of slippery floors and surfaces. Eliminate all sources of ignition.

6.1.1. For non-emergency personnel

Protective equipment : Wear Protective equipment as described in Section 8.

Emergency procedures : Evacuate unnecessary personnel.

6.1.2. For emergency responders

Protective equipment : Wear suitable protective clothing, gloves and eye or face protection. Approved supplied-air respirator, in case of emergency.

6.2. Environmental precautions

Prevent entry to sewers and public waters. Avoid release to the environment.

6.3. Methods and material 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 vapors. 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.

6.4. Reference to other sections

No additional information available

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.

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. Do not store with acids or oxidizers. Electrical service in storage area must be rated for flammable liquids.

7.3. Specific end use(s)

No additional information available

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

Provincial/Territorial OEL Values located within:

Alberta: Occupational Health and Safety Code, 2009

British Columbia: Occupational Health and Safety Regulation Guideline, 2016

Northwest Territories: Occupational Health and Safety Regulations, 2015

Nunavut: Consolidation of Occupational Health and Safety Regulations, 2016

Ontario: Occupational Health and Safety Act, Regulation 833

Quebec: Regulation Respecting Occupational Health and Safety, S-2.1, r. 13

Saskatchewan: The Occupational Safety and Health Regulations, 1996

Yukon: Occupational Health and Safety Act RSY 2002, c.159; amended by SY 2005, c.4; SY 2009, c.21; SY 2010, c.12

New Brunswick: ACGIH values (1997 version)

Manitoba; Newfoundland and Labrador; Nova Scotia; Prince Edward Island; ACGIH (current version)

Distillates, petroleum, light distillate hydrotreating process, low-boiling (68410-97-9)	
Alberta	OELs not established
British Columbia	OELs not established

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Manitoba	OELs not established
New Brunswick	OELs not established
Newfoundland and Labrador	OELs not established
Northwest Territories	OELs not established
Nova Scotia	OELs not established
Nunavut	OELs not established
Ontario	OELs not established
Prince Edward Island	OELs not established
Quebec	OELs not established
Saskatchewan	OELs not established
Yukon	OELs not established

Cyclohexane (110-82-7)	
Alberta	100 ppm; 344 mg/m ³ TWA
British Columbia	100 ppm TWA
Manitoba	100 ppm TWA
New Brunswick	300 ppm TWA; 1030 mg/m ³ TWA
Newfoundland and Labrador	100 ppm TWA
Northwest Territories	100 ppm TWA; 150 ppm STEL
Nova Scotia	100 ppm TWA
Nunavut	100 ppm TWA; 150 ppm STEL
Ontario	100 ppm TWA
Prince Edward Island	100 ppm TWA
Quebec	300 ppm, 1030 mg/m ³ TWA
Saskatchewan	100 ppm TWA; 150 ppm STEL
Yukon	300 ppm; 1050 mg/m ³ TWA 375 ppm; 1300 mg/m ³ STEL

Isopentane (78-78-4)	
Alberta	600 ppm; 1770 mg/m ³
British Columbia	600 ppm
Manitoba	1000 ppm TWA (listed under Pentane, all isomers)
New Brunswick	OELs not established
Newfoundland and Labrador	1000 ppm TWA (listed under Pentane, all isomers)
Northwest Territories	600 ppm TWA; 750 ppm STEL
Nova Scotia	1000 ppm TWA (listed under Pentane, all isomers)
Nunavut	600 ppm TWA; 750 ppm STEL
Ontario	600 ppm TWA
Prince Edward Island	1000 ppm TWA (listed under Pentane, all isomers)
Quebec	OELs not established
Saskatchewan	600 ppm TWA; 750 ppm STEL
Yukon	OELs not established

Pentane (109-66-0)	
Alberta	600 ppm; 1770 mg/m ³ TWA
British Columbia	600 ppm TWA
Manitoba	1000 ppm TWA (listed under Pentane, all isomers)
New Brunswick	600 ppm TWA; 1770 mg/m ³ TWA 750 ppm STEL; 2210 mg/m ³ STEL
Newfoundland and Labrador	1000 ppm TWA (listed under Pentane, all isomers)
Northwest Territories	600 ppm TWA; 750 ppm STEL
Nova Scotia	1000 ppm TWA (listed under Pentane, all isomers)
Nunavut	600 ppm TWA; 1771 mg/m ³ TWA

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	750 ppm STEL; 2213 mg/m ³ STEL
Ontario	600 ppm TWA
Prince Edward Island	1000 ppm TWA (listed under Pentane, all isomers)
Quebec	120 ppm; 350 mg/m ³ TWA
Saskatchewan	600 ppm TWA; 750 ppm STEL
	600 ppm; 1800 mg/m ³ TWA
Yukon	750 ppm; 2250 mg/m ³ STEL

Naphtha, petroleum, hydrotreated light (64742-49-0)	
Alberta	OELs not established
British Columbia	OELs not established
Manitoba	OELs not established
New Brunswick	OELs not established
Newfoundland and Labrador	OELs not established
Northwest Territories	OELs not established
Nova Scotia	OELs not established
Nunavut	OELs not established
Ontario	OELs not established
Prince Edward Island	OELs not established
Quebec	OELs not established
Saskatchewan	OELs not established
Yukon	OELs not established

Hexane (110-54-3)	
Alberta	50 ppm; 176 mg/m ³ TWA
British Columbia	20 ppm TWA
Manitoba	50 ppm TWA
New Brunswick	50 ppm TWA; 176 mg/m ³ TWA
Newfoundland and Labrador	50 ppm TWA
Northwest Territories	50 ppm TWA; 62.5 ppm STEL
Nova Scotia	50 ppm TWA
Nunavut	50 ppm TWA; 62.5 ppm STEL
Ontario	50 ppm TWA
Prince Edward Island	50 ppm TWA
Quebec	50 ppm; 176 mg/m ³ TWA
Saskatchewan	50 ppm TWA; 62.5 ppm STEL
	100 ppm; 360 mg/m ³ TWA
Yukon	125 ppm; 450 mg/m ³ STEL

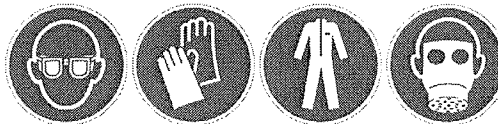
8.2. Exposure controls

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.

Personal protective equipment

: Safety glasses. Gloves. Protective 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. Suggested glove materials are: Neoprene, Nitrile/butadiene rubber, Polyethylene, Ethyl vinyl alcohol laminate, PVC or vinyl.

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.

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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 vapors, 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.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

Physical state	: Liquid
Appearance	: Clear liquid.
Color	: No data available
Odor	: Solvent.
Odor Threshold	: No data available
pH	: No data available
Relative evaporation rate (butylacetate=1)	: No data available
Melting point	: -95 °C May start to solidify based on n-hexane (-139 °F)
Freezing point	: No data available
Boiling point	: 80 °C (176 °F)
Flash point	: -16.7 °C Closed Cup (2.0 °F)
Auto-ignition temperature	: 225 °C for lowest known component - Light Hydrotreated Distillate (437 °F)
Decomposition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapour pressure	: 245 mm Hg at 20 °C (calculated)
Relative vapour density at 20 °C	: 2.97 For n-hexane (Air=1)
Relative density	: No data available
Density	: 5.8 lb/gal
Solubility	: Water: Not soluble in water
Log Pow	: No data available
Log Kow	: No data available
Viscosity, kinematic	: No data available
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidising properties	: No data available
Explosive limits	: 1 - 8 vol %

9.2. Other information

VOC content	: 702 g/l (5.85 lbs/gal)
Other properties	: Percent Volatile: 100%.
Additional information	: VHAP Content: 0.09 lb/gal or 10 g/l

SECTION 10: Stability and reactivity

10.1. Reactivity

No additional information available

10.2. Chemical stability

Stable under recommended handling and storage conditions (see section 7).

10.3. Possibility of hazardous reactions

None known.

10.4. Conditions to avoid

Heat, flame. Ignition sources.

10.5. Incompatible materials

Strong acids and alkalis, oxidizing agents, reducing agents, copper and copper alloys.

10.6. Hazardous decomposition products

Carbon oxides (CO, CO₂). Various hydrocarbons.

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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity : Not classified

Cyclohexane (110-82-7)	
LD50 oral rat	12705 mg/kg
LD50 dermal rabbit	> 2000 mg/kg
LC50 inhalation rat (mg/l)	13.9 mg/l/4h

Isopentane (78-78-4)	
LC50 inhalation rat (mg/l)	280000 mg/m ³ 4 h

Pentane (109-66-0)	
LD50 oral rat	> 2000 mg/kg
LD50 dermal rabbit	3000 mg/kg
LC50 inhalation rat (mg/l)	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

Hexane (110-54-3)	
LD50 dermal rabbit	3000 mg/kg
LC50 inhalation rat (ppm)	48000 ppm/4h

Skin corrosion/irritation	: Causes skin irritation.
Serious eye damage/irritation	: Not classified
Respiratory or skin sensitisation	: Not classified
Germ cell mutagenicity	: Not classified.
Carcinogenicity	: Not classified.
Reproductive toxicity	: Suspected of damaging fertility. Suspected of damaging the unborn child.
Specific target organ toxicity (single exposure)	: May cause drowsiness or dizziness.
Specific target organ toxicity (repeated exposure)	: Not classified.
Aspiration hazard	: May be fatal if swallowed and enters airways.
Symptoms/injuries after inhalation	: May be fatal if swallowed and enters airways. May cause drowsiness or dizziness.
Symptoms/injuries after skin contact	: Causes skin irritation.
Symptoms/injuries after eye contact	: Direct contact with the eyes is likely to be irritating.
Symptoms/injuries after ingestion	: May be fatal if swallowed and enters airways.
Chronic symptoms	: Suspected of damaging fertility. Suspected of damaging the unborn child.

SECTION 12: Ecological information

12.1. Toxicity

Ecology - general : No data available.

Hexane (110-54-3)	
LC50 fishes 1	2.1 - 2.98 mg/l 96 Hr LC50 Pimephales promelas [flow-through]

12.2. Persistence and degradability

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Persistence and degradability	The product is not biodegradable.

12.3. Bioaccumulative potential

No additional information available

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

No additional information available

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SECTION 13: Disposal considerations

13.1. Waste treatment methods

- Waste treatment methods : Do not discharge to public wastewater systems without permit of pollution control authorities. No discharge to surface waters is allowed without an NPDES permit.
- Waste 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

- Transport document description : UN1993 Flammable liquids, n.o.s. (Light Hydrotreated Petroleum Distillate), 3, PG II
- UN-No.(TDG) : 1993
- DOT NA no. : UN1993
- Proper Shipping Name (TDG) : Flammable liquids, n.o.s. (Light Hydrotreated Petroleum Distillate)
- Transportation of Dangerous Goods (TDG) : 3 - Class 3 - Flammable and combustible liquid 49 CFR 173.120
- Hazard Classes
- Hazard labels (TDG) : 3 - Flammable liquid



- Packing group (TDG) : II - Medium Danger
- DOT Quantity Limitations Passenger aircraft/rail (49 CFR 173.27) : 5 L
- DOT Quantity Limitations Cargo aircraft only (49 CFR 175.75) : 60 L
- DOT Vessel Stowage Location : B - (i) The material may be stowed "on deck" or "under deck" 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; and (ii) "On deck only" on passenger vessels in which the number of passengers specified in paragraph (k)(2)(i) of this section is exceeded.

Additional information

- Other information : **Limited Quantity Exception**-flammable liquids in Packing Group II, inner packaging's not over 1.0 L (0.3 gallons) net capacity each, packed in a strong outer packaging.

Transport by sea

No additional information available

Air transport

No additional information available

SECTION 15: Regulatory information

15.1. Canadian Federal regulations

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

SECTION 16: Other information

- Indication of changes : New SDS Created.
- Revision date : 08/17/2016
- Other information : Author: LMG.

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.