

Wilsonart® 700A Adhesive

SECTION 1: Identification

1.1 Product Identifier

Trade Name: Wilsonart® 700A Adhesive
Product Form: Mixture

1.2 Product Supplier

Wilsonart LLC
 P.O. Box 6110
 10501 NW H. K .Dodgen Loop
 Temple, TX 76503-6110
 USA
 Information Phone: 800-433-3222 (USA)

1.3 Relevant Identified Uses of the Substance or Mixture and Uses Advised Against

Use of the Substance/Mixture: Adhesive for laminate

1.4 Emergency Contact Information

Emergency Number: CHEMTREC: (800) 424-9300
 CHEMTREC: (International) 703-527-3887

SECTION 2: Hazards Identification

2.1 Classification of the Substance or Mixture

CATEGORY	SIGNAL WORD	HAZARD STATEMENT(S)
Physical Flammable Aerosol, Category 1	Danger	H222 - Extremely flammable aerosol H229 – Pressurized container: may burst if heated
Health Simple Asphyxiation Eye Irritation, Category 2A Reproductive Toxicity STOT SE, Category 3 STOT RE, Category 2 Aspiration Hazard, Category 1	Danger Warning Warning Warning Warning Danger	H380 - May displace oxygen and cause rapid suffocation H319 - Causes serious eye irritation H361 - Suspected of damaging fertility or the unborn child H336 - May cause drowsiness or dizziness H373 - May cause damage to organs through prolonged or repeated exposure H304 - May be fatal if swallowed and enters airways
Environmental		



2.2 GHS Precaution Statements:

Prevention:

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P211 - Do not spray on an open flame or other ignition source.
P251 - Pressurized container: Do not pierce or burn, even after use.
P260 - Do not breathe fume, gas, 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, face protection, face shield, protective gloves.

Response:

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 doctor, a poison center if you feel unwell.
P314 - Get medical advice/attention if you feel unwell.
P331 - Do NOT induce vomiting.
P337+P313 - If eye irritation persists: Get medical advice/attention.

Storage:

P403+P233 - Store in a well-ventilated place. Keep container tightly closed.
P405 - Store locked up.
P410+P412 - Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F.

Disposal:

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 Acute Toxicity

No data available.

SECTION 3: Composition / Information on Ingredients**3.1 Substance**

Not applicable.

3.2 Mixture

Name	CAS#	% by Weight
Acetone	67-64-1	10 – 30
Dimethyl Ether	115-10-6	10 – 30
Propane	74-98-6	10 – 30
Pentane	109-66-0	7 – 13
Light Hydrotreated Distillate	68410-97-9	5 – 10
Toluene	108-88-3	5 – 10
Cyclohexane	110-82-7	< 1.5
n-Hexane	110-54-3	< 0.3

Wilsonart® 700A Adhesive**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 affected. If breathing is difficult, supply oxygen.

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 if you feel unwell.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed

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

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

Symptoms/Injuries after Skin Contact: May cause skin irritation.

Symptoms/Injuries after Eye Contact: Causes serious eye irritation.

Symptoms/Injuries after Ingestion: May be fatal if swallowed and enters airways.

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed

No additional information available.

SECTION 5: Fire-Fighting Measures**5.1 Extinguishing Media**

Suitable Extinguishing Media: Foam, Dry Powder, Carbon Dioxide, or Water Fog.

Unsuitable Extinguishing Media: Direct water spray.

5.2 Special Hazards Arising from the Substance or Mixture

Fire Hazard: Flammable liquid and vapor.

Explosion Hazard: Static discharge may serve as an ignition source for this product. May burst if heated.

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.

Other Information: Vapors may travel long distances along ground before igniting/flashing back to vapor 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 Rquipment 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. Vapor may cause flash fires. Vapors are heavier than air and can travel long distances to ignition sources.

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

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SECTION 8: Exposure Controls / Personal Protection

8.1 Control Parameters

Product Name	Exposure Limits
Acetone (CAS 67-64-1)	OSHA PEL: TWA 1000 ppm ACGIH TLV: TWA 500 ppm STEL 750 ppm
Cyclohexane (CAS 110-82-7)	OSHA PEL: TWA 300 ppm ACGIH TLV: TWA 100 ppm
n-Hexane (CAS 110-54-3)	OSHA PEL: TWA 500 ppm ACGIH TLV: TWA 50 ppm
Pentane (CAS 109-66-0)	OSHA PEL: TWA 1000 ppm ACGIH TLV: TWA 600 ppm
Propane (CAS 74-98-6)	OSHA PEL: TWA 1000 ppm ACGIH TLV: TWA 1000 ppm
Toluene (CAS 108-88-3)	OSHA PEL: TWA 200 ppm CL 300 ppm 500 ppm (10 minute max peak) ACGIH TLV: TWA 20 ppm

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.

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:	Liquid adhesive in pressurized canister..
Color:	No Data Available.
Odor:	Strong Solvent.

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Odor Threshold:	No Data Available.
pH:	No Data Available.
Relative Evaporation Rate (butylacetate=1):	No Data Available
Melting Point:	No Data Available
Freezing Point:	No Data Available
Boiling Point:	No Data Available
Flash Point (open Cup)	-104°C (-156°F)
Auto-Ignition Temperature:	245°C (473°F) - Cyclohexane
Decomposition Temperature:	No data available
Flammability (solid, gas):	No data available
Vapor Pressure:	No data available
Relative Vapor Density at 20°C:	Greater than air
Relative Density:	No data available
Density:	No data available
Solubility:	Not soluble with 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:	2.3 - 9.5 vol % - Propane

9.2 Other Information

No additional information available.

SECTION 10: Stability and Reactivity**10.1 Reactivity**

No dangerous reactions known under normal conditions of use.

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

Copper and copper alloys, strong acids, alkalies and oxidizers.

10.6 Hazardous Decomposition Products

Carbon Oxides (CO, CO₂) and various hydrocarbons.

SECTION 11: Toxicological Information**11.1 Information on Toxicological Effects**

Acute Toxicity: Not classified

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Acetone (CAS 67-64-1):	Inhalation 4 hour LC50 = 30000 ppm (rat). Inhalation 4 hour LC50 = 18600 ppm (mouse). Oral LD50 = 5800 mg/kg (rat). Dermal LD50 > 16000 mg/kg (rabbit).
Cyclohexane (CAS 110-82-7):	Oral LD50 = 12850 mg/kg (rat). Dermal LD50 > 18000 mg/kg (rabbit).
Dimethyl Ether (CAS 115-10-6):	Inhalation 4 hour LC50 > 164000 ppm (rat). Inhalation 4 hour LC50 > 134350 ppm (mouse).
n-Hexane (CAS 110-54-3):	Inhalation 4 hour LC50 = 38500 ppm (rat) Oral LD50 = 28700 mg/kg (rat)
Pentane (CAS 109-66-0):	Inhalation 4 hour LC50 > 6106 ppm (rat) Oral LD50 > 2000 mg/kg (rat)
Propane (CAS 74-98-6):	Inhalation 15 minute LC50 > 800000 ppm (rat).
Toluene (CAS 108-88-3):	Inhalation 4 hour LC50 = 7585 ppm (rat) Inhalation 4 hour LC50 = 7100 ppm (mouse) Oral LD50 = 5580 mg/kg (male rat) Dermal LD50 = 12125 mg/kg (rabbit)

Skin Corrosion/Irritation: Not classified.

Serious Eye Damage/Irritation: Causes serious eye irritation.

Respiratory or Skin Sensitisation: Not classified.

Germ Cell Mutagenicity: Not classified.

Carcinogenicity: Not classified.

Reproductive Toxicity: Suspected of damaging fertility or the unborn child.

Specific Target Organ Toxicity (Single Exposure): May cause drowsiness or dizziness.

Specific Target Organ Toxicity (Repeated Exposure): May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard: May be fatal if swallowed and enters airways.

Symptoms/Injuries After Inhalation: May cause drowsiness or dizziness

Symptoms/Injuries After Skin Contact: May cause skin irritation

Symptoms/Injuries After Eye Contact: Causes serious eye irritation.

Symptoms/Injuries 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.

SECTION 12: Ecological Information**12.1 Toxicity**

Acute Toxicity: 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.

Chronic Toxicity: No additional information available.

Persistence and Degradability: The product is not biodegradable.

12.2 Bioaccumulative Potential

Not expected to bioaccumulate.

12.3 Mobility in Soil

No additional information available.

12.4 Other Adverse Effects

No additional information available.

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SECTION 13: Disposal Considerations
13.1 Waste Treatment

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

13.2 Product Containers

Drain containers thoroughly. Product residues may cause a fire or explosion hazard. Do not cut, weld, braze, or incinerate container.

13.3 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
14.1 Department Of Transportation Classification per 49 CFR 171 through 180

Proper Shipping Name: Aerosols, flammable, (each not exceeding 1 L capacity).

UN/ID/NA Number: UN 1950.

Transport Document Description: UN1950 Aerosols (flammable, (each not exceeding 1 L capacity)), 2.1.

Hazard Class: 2.1 – Flammable gas.

Packing Group: Not Available.

Limited Quantity Exception – Passenger Aircraft or Rail: 75 kg per 49 CFR 173.27.

Limited Quantity Exception – Cargo Aircraft Only: 150 kg per 49 CFR 175.75.

14.2 IDMG Classification

UN 1950, Aerosols, 2.1, Limited Quantity.

14.3 IATA Classification

No additional information available.

14.4 Other Information

No additional information available.

SECTION 15: Regulatory Information
15.1 US Federal Regulations

Chemical (& CAS Number)	SARA 302 (EHS)TPQ	SARA 304 (EHS)Rq	SARA 313 <i>de minimis</i>	CERCLA Rq	CAA 112(r) TQ	RCRA Code
Acetone (67-64-1)				5000		U002
Cyclohexane (110-82-7)			1	1000		U056
Dimethyl Ether (115-10-6)					10000	
n-Hexane (110-54-3)			1	5000		
Pentane (109-66-0)					10000	
Propane (74-98-6)					10000	
Toluene (108-88-3)			1	1000		U220

All quantities in pounds

15.2 State Regulations

Chemical (& CAS Number)	CA Prop 65	MA RTK	MN RTK	NJ RTK	PA RTK	RI RTK
Acetone (67-64-1)		X	X	X	X	X

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Cyclohexane (110-82-7)		X	X	X	X	X
Dimethyl Ether (115-10-6)		X	X	X	X	X
n-Hexane (110-54-3)		X	X	X	X	X
Pentane (109-66-0)		X	X	X	X	X
Propane (74-98-6)		X	X	X	X	X
Toluene (108-88-3)	X*	X	X	X	X	X

***WARNING:** This product contains a chemical known to the State of California to cause birth defects or other reproductive harm.

15.3 International Regulations

DSL (Canada): The chemicals in this product are listed.

EINECS: The chemicals in this product are listed.

WHMIS: A, B1 & D2B.

SECTION 16: Other Information

16.1 NFPA Rating:

Health: 2

Fire: 4

Reactivity: 0

16.2 HMIS Rating

Health: 2

Flammability: 4

Physical: 0

16.3 Changes to This Revision

Revise name.

Update all sections to include new data from supplier.

16.4 Prepared By:

Environmental, Health, and Safety Department, Wilsonart LLC.

Telephone: 254-207-7000

Internet: www.wilsonart.com

Notice to Reader

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END OF MSDS DOCUMENT