

MSDS *Material Safety Data Sheet*

Wilsonart International



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Wilsonart® 130 Adhesive Solvent

Revision Date: 07/20/09
Revision No: 0 (New)

1 PRODUCT AND COMPANY IDENTIFICATION

Common Name: Wilsonart® 130 Adhesive Solvent

Manufacturer: WILSONART INTERNATIONAL, INC.
P. O. BOX 6110 – 2400 WILSON PLACE
TEMPLE, TX 76503
INFORMATION PHONE: 800-433-3222 (USA)

Trade Name: WA 130 Adhesive Solvent

Material Uses: Cleaning Solvent for Contact Adhesives

In Case of Emergency Contact CHEMTREC: 800-424-9300 (USA)
703-527-3887 (INTERNATIONAL)

2 HAZARDS IDENTIFICATION

Route of Entry: Skin, eyes, inhalation, ingestion.

Target Organs: None.

Skin Contact: Product is a permeator (absorbed through intact skin). May cause skin irritation. May aggravate pre-existing skin conditions. Prolonged and/or repeated exposure may result in dermatitis with dried or cracked skin.

Eye Contact: May cause eye irritation.

Inhalation: Breathing vapors may cause irritation to mucous membranes and the respiratory tract. May aggravate pre-existing respiratory conditions. May cause drowsiness, dizziness, headache, loss of coordination, nausea, or Central Nervous System (CNS) depression/stimulation, and nervous system disturbances. Severe over-exposure may result in unconsciousness or death. Aspiration hazard if vomited.

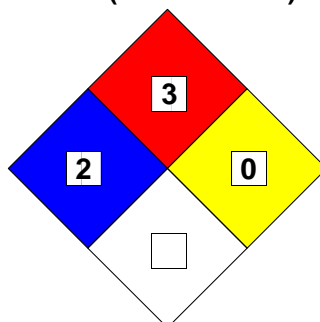
Ingestion: Not an expected route of entry. If ingested it may cause irritation to the gastro-intestinal tract.

DANGER!

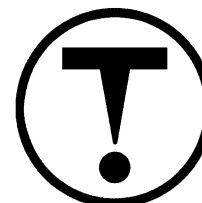
EXTREMELY FLAMMABLE LIQUID AND VAPOR. VAPOR MAY CAUSE FLASH FIRE. MAY CAUSE RESPIRATORY TRACT, EYE AND SKIN IRRITATION. USE ONLY WITH ADEQUATE VENTILATION.

HMIS (United States):	
HEALTH	2
FLAMMABILITY	3
REACTIVITY	0
PPE	C

NFPA (United States):



WHMIS (Canada): B2, D2A, D2B



3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	CAS#	% by Weight
t-Butyl Acetate	540-88-5	50 – 61
Acetone	67-64-1	30 – 41
Toluene	108-88-3	5 – 15

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t-Butyl Alcohol 75-65-0 ≤ 0.3

4 FIRST AID MEASURES

Skin Contact: Remove contaminated clothing and wash affected areas with soap and water. If irritation develops, seek medical attention.

Eye Contact: Flush eyes with water for 15 minutes. Remove contact lenses prior to water flush. Seek medical attention.

Inhalation: Remove patient to fresh air. If patient is having difficulty breathing, seek immediate medical attention. If not breathing, clear airway and start mouth-to-mouth artificial respiration (or use bag-mask respirator). Seek immediate medical attention.

Ingestion: DO NOT induce vomiting. Seek immediate medical attention. DO NOT give anything by mouth to an unconscious person.

Additional Information: Sudden death due to ventricular fibrillation has been reported due to acute inhalation in chronic solvent abusers. Treat patient with supportive measures. Life support measures should be provided for CNS depression, cardiopulmonary failure, and metabolic acidosis as these conditions have been reported in massive overexposures.

5 FIRE FIGHTING MEASURES

Flash Point: 10°F (-12°C)

Flash Point Method: Seta Closed Cup

Autoignition Temp.: 896°F (480°C) for lowest component autoignition temperature (Toluene)

Burning Rate: Not Available

LEL: 1.2% (t-Butyl Acetate)

UEL: 12.8% (Acetone)

Flammability Classification: IB Flammable Liquid

Firefighting Equipment: Use self-contained breathing apparatus (SCBA) with a full-face piece and pressure demand or other positive-pressure mode and full firefighting turn-out gear (Full Bunker Gear).

Risk of Explosion due to Mechanical Impact: Not Available.

Risk of Explosion due to Static Discharge: Static discharge may serve as an ignition source for this product.

Hazardous Products of Combustion: Carbon Oxides (CO and CO₂) and various Hydrocarbons.

Special Remarks: Extremely flammable liquid and vapor. Vapor may cause flash fires. Vapors are heavier than air and can travel long distances to ignition sources. Highly flammable in the presence of sparks or open flames. Flammable in the presence of heat and/or oxidizing materials. In case of fire, use dry chemical, CO₂, or alcohol foam. Avoid use of water as it may spread burning liquid. Water may be used to cool adjacent containers.

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions: Wear appropriate PPE. Extremely flammable. Remove all sources of ignition. Make sure area is well ventilated. For large spills, evacuate personnel to safe area.

Environmental Precautions: Keep out of sewers, drains, and confined areas.

Clean-up Methods: Dike and contain spill. Absorb spilled product with vermiculite, dry sand, or earth. Place in a suitable non-leaking container and tightly seal for disposal. Use only non-sparking equipment.

7 HANDLING AND STORAGE

Handling Precautions: Wear appropriate PPE. Keep away from heat, sparks, and flames. If used indoors, make sure to provide adequate ventilation to prevent vapor build-up. Proper bonding and grounding for all equipment must be observed when dispensing product.

Storage Requirements: Store in a cool, dry, well-ventilated area. All electrical equipment in area must be rated for flammable materials. Ensure product is kept away from all sources of heat, flames and sparks. Prohibit smoking in the storage area. Do not store with acids or oxidizers.

8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Engineering Controls: Provide exhaust ventilation or other engineering controls to keep airborne concentrations of vapors below their respective threshold limit value. Ensure that a working eyewash and safety shower are in the work area.

Protective Equipment: Wear splash goggles or safety glasses with side shields, synthetic apron, and neoprene or rubber gloves. In case of insufficient ventilation, wear an approved (NIOSH) respirator with organic vapor cartridge and dust/mist pre-filter.

Exposure Guidelines / Other:

Product Name	Exposure Limits
Acetone (67-64-1)	OSHA PEL: TWA 1000 ppm ACGIH TLV: TWA 500 ppm STEL 750 ppm
t-Butyl Acetate (540-88-5)	OSHA PEL: TWA 200 ppm ACGIH TLV: TWA 200 ppm
t-Butyl Alcohol (75-65-0)	OSHA PEL: TWA 100 ppm ACGIH TLV: TWA 100 ppm
Toluene (108-88-3)	OSHA PEL: TWA 200 ppm ACGIH TLV: TWA 20 ppm CL 300 ppm

Consult local authorities and local regulations for exposure limits.

9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance: Clear colorless liquid.

Physical State: Liquid

Autoignition Temp.: 896°F (480°C) for lowest component autoignition temperature (Toluene)

Boiling Point: Not Available

Flash Point: 10°F (-12°C) Seta Closed Cup

Molecular Weight: Not Applicable

pH: Not Applicable

Specific Gravity / Density: 0.84 (7.02 lb/gal)

Vapor Pressure: 100 – 105 mm Hg @ 20°C

VHAP: 0.54 lb./gal

Odor: Strong solvent

Composite Partial Pressure: < 2 mm Hg @ 20°C

Freezing / Melting Point: Not Available

Percent Volatile: 100%

Solubility: Partially Soluble in Water

Vapor Density: Greater than air

Viscosity: Not Available

VOC: Not Available

10 STABILITY AND REACTIVITY

Stability: Product is stable as supplied.

Conditions to Avoid: All ignition sources and elevated temperatures.

Materials to Avoid (incompatibility): Strong acids, bases, nitrates, and oxidizers.

Hazardous Decomposition Products: Carbon Oxides (CO and CO₂) and various Hydrocarbons.

Hazardous Polymerization: Will not polymerize.

11 TOXICOLOGICAL INFORMATION

Acute Toxicity to Animals:

Acetone (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).
t-Butyl Acetate (540-88-5):	Inhalation 6 hour LC50 = > 4000 ppm (rat). Oral LD50 = 4720 mg/kg (male rat) Dermal LD50 = 12890 mg/kg (rabbit)
t-Butyl Alcohol (75-65-0):	Inhalation 4 hour LC50 = > 14100 ppm (rat). Oral LD50 = 2733 mg/kg (rat)

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Dermal LD50 = 12890 mg/kg (rabbit)

Toluene(108-65-0):

Inhalation 4 hour LC50 = 7585 ppm (rat).
Inhalation 4 hour LC50 = 7100 ppm (mouse).
Oral toxicity LD50 = 5580 mg/kg (male rat).
Dermal toxicity LD50 = 12125 mg/kg (rabbit).

Chronic Toxicity to Animals: No additional information.
Acute Toxicity to Humans: No additional information.
Chronic Effects on Humans: No additional information.
Carcinogenic Effects: Classified NONE for human.
Mutagenic Effects: Classified NONE for human.
Teratogenic Effects: Classified PROVEN for human (toluene).
Developmental Toxicity: Classified PROVEN for human (toluene).

12 ECOLOGICAL INFORMATION

Ecotoxicity: Not Available.
BOD5 and COD: Not Available.
Biodegradable / OECD: Not Available.
Mobility: Acetone portion of product is known to be mobile in the soil and may contaminate groundwater.
Toxicity of the Products of Biodegradation: Not Available.
Special Remarks on the Products of Biodegradation: Not Available.

13 DISPOSAL CONSIDERATIONS

Spilled, contaminated, or waste material should be put into a suitable container and handled according to Federal, State, and local regulations. Contact a qualified waste management company for assistance. Empty containers should be reconditioned or disposed by a qualified contractor. Residual vapors in the container may be explosive.

Dispose of in accordance with Federal, State, and local regulations.

14 TRANSPORT INFORMATION

SHIP DOMESTIC GROUND ONLY
DO NOT SHIP BY AIR
Proper Shipping Name: Flammable liquid, n.o.s. (contains butyl acetates, acetone, & toluene)
Hazard Class: 3
Identification Number: UN 1993
Label Code: 3
Packing Group: II
Special Provision for Transport: 1 Liter or less may use Limited Quantity exceptions (49CFR 173.150).
Marine Pollutant: Not a marine pollutant.
ADR/RID Classification: Class 3; Flammable Liquid.
ICAO/IATA Classification: Class 3; Flammable Liquid.
IMO/IMDG Classification: Class 3; Flammable Liquid.

15 REGULATORY INFORMATION

U.S. 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

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t-Butyl Acetate (540-88-5)				5000		
t-Butyl Alcohol (75-65-0)			1			
Toluene (108-88-3)			1	1000		U220

All quantities in pounds

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
t-Butyl Acetate (540-88-5)		X	X	X	X	X
t-Butyl Alcohol (75-65-0)		X	X	X	X	X
Toluene (108-88-3)	X	X	X	X	X	X

This product contains substances known to the State of California to cause cancer or reproductive harm.

International Regulations

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

EINECS: The chemicals in this product are listed.

WHMIS: B1, D2A, D2B.

16 OTHER INFORMATION

References

Lewis, R. J., **Rapid Guide to Hazardous Chemicals in the Workplace**, 4th ed., Wiley-Interscience, New York, 2000.

NIOSH Pocket Guide to Chemical Hazards, Department of Health and Human Services, National Institute for Occupational Safety and Health, 2004.

Patty's Toxicology, 5th ed. John Wiley & Sons, Inc. 2001.

TLVs and BEIs, Threshold Limit Values for Chemical Substances and Physical Agents & Biological Exposure Agents, ACGIH Worldwide, Cincinnati, 2007.

Glossary

ACGIH – American Conference of Governmental Industrial Hygienists

ASTM – American Society for Testing and Materials

ADR – Agreement on Dangerous Goods by Road (Europe)

BOD5 – Biological Oxygen Demand in 5 days

CAA – Clean Air Act

CAS – Chemical Abstracts Services

CEPA – Canadian Environmental Protection Act

CERCLA – Comprehensive Environmental Response, Compensations, and Liability Act

CFR – Code of Federal Regulations

CL – Ceiling Exposure Limit

CWA – Clean Water Act

DOT – Department of Transportation

DSCL – Dangerous Substances Classification and Labeling (Europe)

DSL – Domestic Substance List (Canada)

EEC/EU – European Economic Community/European Union

EINECS – European Inventory of Existing Commercial Chemical Substances

HCS – Hazard Communication System

HMIS – Hazardous Material Information System

IARC – International Agency for Research on Cancer

LD50/LC50 – Lethal Dose/Concentration kill 50%

LDLo/LCLo – Lowest Published Lethal Dose/Concentration

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NFPA – National Fire Prevention Association
NIOSH – National Institute for Occupational Safety & Health
NTP – National Toxicology Program
OSHA – Occupational Safety & Health Administration
PEL – Permissible Exposure Limit
RCRA – Resource Conservation and Recovery Act
SARA – Superfund Amendments and Reorganization Act
STEL – Short Term Exposure Limit (15 minutes)
TDG – Transportation of Dangerous Goods (Canada)
TLV-TWA – Threshold Limit Value-Time Weighted Average
TSCA – Toxic Substances Control Act
WHMIS – Workplace Hazardous Material Information System

Notice to Reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above named manufacturer nor any of its subsidiaries assumes any liability whatsoever for accuracy or completeness of the information contained herein.

Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

END OF MSDS DOCUMENT