

MATERIAL SAFETY DATA SHEET

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Lacquer Thinner**1. PRODUCT AND COMPANY IDENTIFICATION**

PRODUCT NAME: Lacquer Thinner
PRODUCT DESCRIPTION: Lacquer Thinner
PRODUCT CODE: 24
PRODUCT FORMULATION NAME: Lacquer Thinner
CHEMICAL FAMILY: Organic Solvent
GENERIC NAME: Lacquer Thinner

MANUFACTURER

Auto Wax Company, Inc.
Auto Magic®
1275 Round Table Drive
Dallas, TX 75247
Product Stewardship: 1-214-631-4000
Transportation: 1-800-826-0828
Auto Wax Company, Inc.
Auto Magic®

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (U.S.): (800) 424-9300
CANUTEC: (613) 996-6666
Emergency Phone: 1-800-826-0828

COMMENTS: To the best of our knowledge, this Material Safety Data Sheet conforms to the requirements of US OSHA 29 CFR 1910.1200.

2. COMPOSITION / INFORMATION ON INGREDIENTS

<u>Chemical Name</u>	<u>Wt.%</u>	<u>CAS#</u>	<u>EINECS#</u>
Toluene	50 - 70	108-88-3	
Methyl ethyl ketone	15 - 25	78-93-3	
Methyl isobutyl ketone	15 - 25	108-10-1	

COMMENTS: Product composition ranges shown are typical values for health, safety and environmental use and are not intended as specification.

3. HAZARDS IDENTIFICATION**EMERGENCY OVERVIEW**

IMMEDIATE CONCERNS: Flammable liquid and vapor. CAUTION! May cause eye irritation.

POTENTIAL HEALTH EFFECTS

EYES: Moderately irritating to the eyes.

SKIN: May cause slight irritation.

INGESTION: Harmful if swallowed.

INHALATION: Repeated or prolonged inhalation may cause toxic effects.

ACUTE TOXICITY: overexposure to vapors may cause headaches, dizziness, confusion and nausea,

MEDICAL CONDITIONS AGGRAVATED: dermatitis may be aggravated by excessive exposure to skin.

ROUTES OF ENTRY: include skin contact, skin absorption, eye contact, inhalation and ingestion

TARGET ORGAN STATEMENT: not available

CANCER STATEMENT: not available

HEALTH HAZARDS: Moderately irritating to the eyes.

PHYSICAL HAZARDS: Flammable liquid.

4. FIRST AID MEASURES

EYES: Flush eye with water for 15 minutes. Seek medical attention if irritation persists.

SKIN: Remove contaminated clothing. Wash with soap and water.

INGESTION: Do not induce vomiting. Seek medical attention immediately.

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

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD: ~-2°C TCC

FLAMMABLE LIMITS: Not Available

AUTOIGNITION TEMPERATURE: Not Available

FLAMMABLE CLASS: Extremely Flammable. Material will readily ignite at room temperatures.

GENERAL HAZARD: Flammable liquid. Keep away from heat and open flames.

EXTINGUISHING MEDIA: use foam, dry chemical or carbon dioxide extinguisher

HAZARDOUS COMBUSTION PRODUCTS: Carbon Monoxide and Carbon Dioxide

EXPLOSION HAZARDS: Flammable Liquid. Can release vapors that form explosive mixtures at temperatures at or above the flash point.

AUTOIGNITION TEMPERATURE: not available

FLAMMABLE LIMIT: not available

SENSITIVE TO STATIC DISCHARGE: Yes, use proper grounding procedure.

SENSITIVITY TO IMPACT: not available

6. ACCIDENTAL RELEASE MEASURES

SMALL SPILL: Remove all ignition sources. Contain and collect with absorbent

LARGE SPILL: Remove all ignition sources. Shut off leak if safe to do so. Contain material to avoid run off and collect spill with absorbent.

ENVIRONMENTAL PRECAUTIONS

WATER SPILL: Avoid runoff into storm sewers and ditches which lead to waterways.

7. HANDLING AND STORAGE

GENERAL PROCEDURES: Keep out of reach of Children.

STORAGE: Keep away from open flames and excessive heat.

STORAGE TEMPERATURE: (32°F) minimum to (95°F) maximum

SHELF LIFE: one year

ELECTROSTATIC ACCUMULATION HAZARD: Ground and bond containers when transferring material.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		EXPOSURE LIMITS					
		OSHA PEL		ACGIH TLV		Supplier OEL	
		ppm	mg/m ³	ppm	mg/m ³	ppm	mg/m ³
Toluene	TWA	100	375	50	187		
	STEL	150	560				
Methyl ethyl ketone	TWA	200		200			
	STEL			300			
Methyl isobutyl ketone	TWA	50		50			
	STEL	75		75			

ENGINEERING CONTROLS: Good general ventilation should be sufficient to control airborne levels.

PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE: Wear safety glasses with side shields or goggles.

SKIN: Use Nitrile/ Vinyl gloves

RESPIRATORY: NIOSH respirator -(organic vapor) in absence of proper environmental control.

PROTECTIVE CLOTHING: Clean, body-covering clothing

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Liquid

ODOR: hydrocarbon odor

APPEARANCE: Clear Liquid

pH: Not applicable

PERCENT VOLATILE: 100

VAPOR PRESSURE: Not Available

VAPOR DENSITY: Not Available

BOILING POINT: ~80°C

FREEZING POINT: Not Available

SOLUBILITY IN WATER: Insoluble

EVAPORATION RATE: Not Available

SPECIFIC GRAVITY: ~.85 gm/ml

COEFF. OIL/WATER: not available

10. STABILITY AND REACTIVITY

STABLE: YES

HAZARDOUS POLYMERIZATION: NO

CONDITIONS TO AVOID: Avoid high temperatures.

INCOMPATIBLE MATERIALS: Strong oxidizers

11. TOXICOLOGICAL INFORMATION

SENSITIZATION: not available

TARGET ORGANS: not available

CARCINOGENICITY:

IARC: Listed by IARC- NO

NTP: Listed by NTP- NO

OSHA: Listed by OSHA- NO

MUTAGENICITY: not available

REPRODUCTIVE EFFECTS: not available

TERATOGENIC EFFECTS: not available

12. ECOLOGICAL INFORMATION

ENVIRONMENTAL DATA: not available

ECOTOXICOLOGICAL INFORMATION: not available

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD: Dispose in accordance with local, state, and federal laws.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME: FLAMMABLE LIQUID, N.O.S., (CONTAINING STODDARD SOLVENT)

PRIMARY HAZARD CLASS/DIVISION: 3

UN/NA NUMBER: 1993

PACKING GROUP: II

15. REGULATORY INFORMATION

UNITED STATES

DOT LABEL SYMBOL AND HAZARD CLASSIFICATION



DOT Flammable Liquid

CANADA

WHMIS HAZARD SYMBOL AND CLASSIFICATION



WHMIS Flammable Liquid



WHMIS Toxic

WARNING THIS PRODUCT CONTAINS THE FOLLOWING CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE REPRODUCTIVE TOXICITY.

Toluene

CAS# 108-88-3

16. OTHER INFORMATION

PREPARED BY: Tony Casmus

REVISION SUMMARY New MSDS

HMIS RATING

HEALTH:	1	2
FLAMMABILITY:	3	
REACTIVITY:	0	
PERSONAL PROTECTION:		

NFPA CODES

3
2 0

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