

# Material Safety Data Sheet

ibd

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Information: (310) 324-6680, (800) 221-2743

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**Product:**

**TOPCOAT THINNER**

Date Prepared: 12/12/00

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## SECTION 1 - MATERIAL IDENTIFICATION AND INFORMATION

COMPONENTS - Chemical Name & Common Names (Hazardous Components 1% or greater, Carcinogens 0.1% or greater)	%	CAS #	ACGIH TLV/ OSHA PEL
Ethyl Acetate		141-78-6	400 ppm
n-Butyl Acetate		126-86-4	150 ppm
Isopropyl Alcohol		67-63-0	400 ppm
<b>Non-Hazardous Ingredients</b>			

## SECTION 2 - PHYSICAL / CHEMICAL CHARACTERISTICS

<b>Boiling Point</b> 170 deg F (approx.)	<b>Specific Gravity</b> (H <sub>2</sub> O = 1) 0.86
<b>Vapor Pressure</b> (mm Hg and Temperature) 76 (approx.)	<b>Melting Point</b> N/A
<b>Vapor Density</b> (Air = 1) 3 (approx.)	<b>Evaporation Rate</b> (BuOAc = 1) 1.8 (approx.)
<b>Solubility in Water</b> Not soluble	<b>Water Reactive</b>
<b>Appearance and Odor</b> Clear liquid, ester odor	

## SECTION 3 - FIRE AND EXPLOSION HAZARD DATA

<b>Flash Point and Method Used</b> Tag Closed Test. 28 deg. F	<b>Auto-Ignition Temperature</b> N/E	<b>Flammability Limits in Air % by Volume</b> N/E	<b>LEL</b>	<b>UEL</b> 2.2
<b>Extinguisher Media:</b> Alcohol foam, carbon dioxide, dry chemical.				
<b>Special Fire Fighting Procedures:</b> Pressure buildup may occur due to heat exposure of closed containers. Water may be used to cool closed containers. Wear self-contained breathing apparatus with a full facepiece operated in the pressure demand mode.				
<b>Unusual Fire and Explosion Hazards:</b> Vapors are heavier than air and may travel along the ground to a source of ignition. Prevent build-up of explosive gases to explosive concentrations.				

**SECTION 4 – REACTIVITY DATA**

<b>STABILITY</b> <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	<b>Conditions to Avoid</b> Elevated temperatures, sources of ignition.
Incompatibility (Materials to Avoid): Strong oxidizing agents, strong acids.	
Hazardous Decomposition Products: Carbon monoxide and carbon dioxide on incineration.	
<b>HAZARDOUS POLYMERIZATION</b> <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	<b>Conditions to Avoid:</b> See above

**SECTION 5 - HEALTH HAZARD DATA**

<b>PRIMARY ROUTES OF ENTRY</b> <input checked="" type="checkbox"/> Inhalation <input type="checkbox"/> Skin Absorption	<input type="checkbox"/> Ingestion <input type="checkbox"/> Not Hazardous	<b>Carcinogen Listed In</b> <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> Monograph	<input type="checkbox"/> OSHA <input type="checkbox"/> Not Listed
<b>HEALTH HAZARDS</b>	Acute: Dizziness, unconsciousness, respiratory tract irritation. Chronic: Headache, liver and kidney damage.		
<b>Signs and Symptoms of Exposure:</b> Headache, dizziness, confusion, unconsciousness			
<b>Medical Conditions Generally Aggravated by Exposure:</b> Chronic liver and kidney conditions			
<b>EMERGENCY FIRST AID PROCEDURES -</b>			
<b>Eye Contact:</b> Copiously flush with water for several minutes. Get medical attention.			
<b>Skin Contact:</b> Wash with soap and water.			
<b>Inhalation:</b> Move to well ventilated, fresh air, area. Get immediate medical attention.			
<b>Ingestion:</b> Drink two glasses of water. Induce vomiting. Get immediate medical attention.			

**SECTION 6 - CONTROL AND PROTECTIVE MEASURES**

<b>Respiratory Protection</b> (Specify Type): If workplace limits are exceeded, use air supplied respirator.			
<b>Protective Gloves:</b> Polyethylene or solvent resistant.		<b>Eye Protection:</b> Safety goggles	
<b>VENTILATION TO BE USED</b>	<input checked="" type="checkbox"/> Local Exhaust <input type="checkbox"/> Other (specify)	<input type="checkbox"/> Mechanical (general)	<input type="checkbox"/> Special
<b>Other Protective Clothing and Equipment:</b> Impervious apron and boots; eye bath and safety shower. Ground containers when not in use.			
<b>Hygienic Work Practices:</b> Avoid contact with eyes and skin. Do not ingest. Use in well ventilated area only.			

**SECTION 7 - PRECAUTIONS FOR SAFE HANDLING AND USE / LEAK PROCEDURES**

<b>Steps to be Taken if Material is Spilled Or Released:</b>	Eliminate all sources of ignition. Absorb with inert material. Collect in closed containers.
<b>Waste Disposal Methods:</b>	Dispose waste according to local, state, and federal regulations.
<b>Precautions to be Taken in Handling and Storage:</b>	Store in cool, dry area with containers tightly sealed, and grounded. Keep away from heat, sparks, and sources of ignition.
<b>Other Precautions and/or Special Hazards:</b>	Empty drums may contain explosive vapors. Flush drums or containers with water before disposing of them.

NFPA Rating    Health \_\_\_\_\_    Flammability \_\_\_\_\_    Reactivity \_\_\_\_\_    Special \_\_\_\_\_

HMS Rating    Health   1      Flammability   3      Reactivity   0      Personal Protection   1

