

Material Safety Data Sheet

Distributed By:

ITW Imtran
 39 Shelley Road
 Haverhill, MA 01835

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910.1200. Standard must be consulted for specific requirements.

Phone (978) 372-3443
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IDENTITY: UPT Thinner	CHEMICAL NAME: None
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Section I - General Product and Manufacturer Information

Manufacturer's Name: FBC Chemical Corp.	Emergency Telephone Number: 1-800-424-9300 Chemtrec
Address: 4111 Walden Ave	Telephone Number for General Information: (978) 372-3443
Lancaster, NY 14086	Date Prepared: 4/5/2004
USA	Prepared By: C. Sobaszek

Section II - Hazard Ingredients/Composition Identity Information

Hazardous Components / Identity Information (Specific Chemical Identity; Common Name(s))	%	OSHA PELs TWA	ACGIH TLVs TWA	NIOSH RELs TWA
n-Butyl acetate CAS# 123-86-4	35-45%	150 ppm	150 ppm	710 mg/m ³
Solvent Naphtha 100 CAS# 64742-95-6	15-35%	NE	NE	NE
Cyclohexanone CAS# 108-94-1	15-25%	25 ppm	25 ppm	100 mg/m ³
1-Methoxypropyl-2-acetate CAS# 108-65-6	5-10%	NE	NE	NE
Notes: 1. NE denotes "not established".				

Section III - Physical/Chemical Characteristics

Boiling Point	275 F	Specific Gravity (H₂O = 1)	0.90
Vapor Pressure (mm Hg.)	N.D.	Melting Point	N.D.
Vapor Density (AIR = 1)	Heavier than Air.	Evaporation Rate (Butyl Acetate = 1)	N.D.
% Volatile By Weight	N.D.	% Volatile By Volume	100%
Viscosity: Not Determined.			
Solubility in Water: Not Soluble.			
Reactivity in Water: None.			
Appearance and Odor: Clear liquid with smell typical of organic solvents.			

Section IV - Fire and Explosion Hazard Data

Flash Point: 102.2 F – Closed Cup	Flammable Limits	LEL 0.8	UEL N.D.
Extinguishing Media: Alcohol resistant, foam, CO ₂ , powder, water spray.			
Special Fire Fighting Procedures: Fire will produce dense black smoke. Exposure to decomposition products may cause a health hazard. An independent self-breathing apparatus is recommended.			
Unusual Fire and Explosion Hazards: Keep containers tightly closed. Water may be used to cool endangered containers.			

Section V - Reactivity Data

Stability	Unstable		Conditions to Avoid: Stable under recommended storage.
	Stable	X	
Incompatibility (<i>Materials to Avoid</i>): Keep away from oxidizing agents, strongly alkaline and strongly acidic materials.			
Hazardous Decomposition or Byproducts: When exposed to high temperatures, hazardous decomposition products such as carbon monoxide and dioxide smoke may occur.			
Hazardous Polymerization	May Occur		Conditions to Avoid: None foreseen.
	Will Not Occur	X	

Section VI - Health Hazard Data

Route(s) of Entry	Inhalation: In high concentrations can be irritating to the mucous membranes. Anesthetic effect.	Skin: Irritation of the skin, including redness, dermatitis, allergic eczema.	Ingestion: Harmful if swallowed. May cause nausea, vomiting, diarrhea.
Health Hazards (<i>Acute and Chronic</i>): Acute: Dizziness, Nausea, Irritation of the Skin and Mucous Membranes. Chronic: (Cyclohexanone); Eye Cataracts, Liver Damage, Kidney Damage			
Carcinogenicity	NTP: No	IARC Monographs: No	OSHA Regulated: No
Signs and Symptoms of Exposure: Nausea, vomiting, headache, diarrhea, dizziness.			
Medical Conditions Generally Aggravated by Exposure: Existing dermatitis.			
Emergency and First Aid Procedures: Inhalation: Remove to fresh air, restore breathing. Consult physician. Skin: Wash affected areas with soap and water. Remove contaminated clothing. Eyes: Flush immediately with large amounts of soap and water. Consult physician immediately. Ingestion: Do not induce vomiting. Drink water to dilute. Consult physician immediately.			

Section VII - Precautions for Safe Handling and Use

Steps to Be Taken in Case Material is Released or Spilled: Remove ignition sources, provide for sufficient ventilation. Confine and collect spill with non-combustible absorbent material. Comply with all local, state, and federal regulations.
Waste Disposal Method: Dispose of in accordance with all local, state, and federal regulations.
Precautions to Be taken in Handling and Storing: Keep containers tightly closed. Store containers away from heat. Do not store above 50 C. Store in accordance with NFPA, state, and local standards. No smoking.

Section VIII - Control Measures

Respiratory Protection (<i>Specify Type</i>): Wear a NIOSH approved respirator when airborne concentrations exceed allowable limits.		
Ventilation	Local Exhaust: Local exhaust if in confined areas	Special: Vapors are heavier than air. Remove vapors from floor.
	Mechanical (<i>General</i>): Not Determined.	Other: Not Determined.
Protective Gloves: Use protective gloves.		Eye Protection: Use safety goggles.
Other Protective Clothing or Equipment: Personnel should wear protective clothing.		
Work/Hygienic Practices: Wash hands before eating or smoking. Remove and wash contaminated clothing.		

Section IX - Transport Information

Department of Transportation (D.O.T.): Proper Shipping Name: Paint Related Material Hazard Class: 3 (Flammable Liquid) Identification Number: UN1263 Packing Group: III

Section X - Regulatory Information

To ensure compliance with the Toxic Substances Control Act (TSCA), SARA Title III - Section 313 (40 CFR part 372), and the California Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65).	
n-Butyl Acetate CAS# 123-86-4 TSCA - Listed SARA - Not Listed Under Section 313 Prop. 65 - Not Listed	Solvent Naphtha 100 CAS# 64742-95-6 TSCA - Listed SARA - Not Listed Under Section 313 Prop. 65 - Not Listed
Cyclohexanone CAS# 108-94-1 TSCA - Listed SARA - Not Listed Under Section 313 Prop. 65 - Not Listed	1-Methoxypropyl-2-acetate CAS# 108-65-6 TSCA - Listed SARA - Not Listed Under Section 313 Prop. 65 - Not Listed
The European Standard, EN 71 "Safety of Toys", Part 3: Chemical Properties, Edition 1 of June 1982, provides the requirements in regard to the content of substances hazardous to health in printing of toys, writing utensils, etc. United Silicone confirms that the product supplied with this MSDS complies with those requirements. The following values in soluble elements are not exceeded: 100 ppm lead 250 ppm antimony 100 ppm arsenic 500 ppm barium 100 ppm cadmium 250 ppm chromium 100 ppm mercury	
Also in conforming with EN 71, United Silicone confirms that the sum concentration of the above listed Heavy Metals does not exceed 100 ppm.	
Please note that all of the components in United Silicone's products are listed in the TSCA Chemical Inventory, 1985 Edition (and therefore acceptable for use in the United States).	

Quick Identifier:
UPT Thinner
MSDS #021

Section X – Regulatory Information (Continued)

Chemical components which are listed under SARA Title III, Section 313 are subject to Supplier Notification requirements. Each of these components must be identified on the MSDS's as chemicals which are regulated under SARA Title III, Section 313.

Chemical components which are listed under the California Safe Drinking Water and Toxic Enforcement Act (Proposition 65) must be identified on the MSDS's according to their individual listing (i.e. causes Cancer or Reproductive Toxicity). This notification has to be made only for products shipped to California.

Section XI - Disclaimer

Disclaimer:

The information and recommendations contained herein are believed to be reliable and accurate based on the data available to ITW Imtran. However, we make no warranty, expressed or implied, regarding the accuracy of this data or the results obtained from the use of this product.