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ISO 9001 CERTIFIED

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REVISION DATE: 5/14/07  
REVISION: C

## SAFETY DATA

### IDENTIFICATION:

Product (Trade) Name: **THINNER #113-12**  
General Chemical Description: Solvent  
Chemical Name: 2-butoxyethyl acetate

### INGREDIENTS:

\* 2-butoxyethyl acetate (CAS#112-07-2): >95% by weight. TLV: None established.  
Gamma Amino propyl triethoxy silane (CAS#919-30-2): < 2% by weight. TLV: None established.

\* This material is subject to the reporting requirements of Section 313 of Title III of the Superfund Amendments And Reauthorization Act of 1986 and 40 CFR Part 372 et. seq. if present at greater than 1%.

HMIS Rating:	Health	Fire	Reactivity
	2	2	0

### PHYSICAL DATA:

Boiling Point (°C)	>180
Vapor Pressure @ 20°C	< 0.5 mm Hg
Volatiles (% by weight)	>98
Appearance and Odor	Clear liquid, no odor
Specific Gravity (water=1)	0.94
Solubility in Water	1.6%
Vapor Density	5.6

### FIRE AND EXPLOSION HAZARD DATA

Flashpoint (TCC):	74°C
Auto-ignition Temp:	340°C
Flammability Limits In Air (% VOL):	Lower: 0.5; Upper: 8.5
Extinguishing Media:	Water fog, alcohol foam, CO <sub>2</sub> or dry chemical extinguishing media
Special Firefighting Procedures:	Firefighters should be equipped with self-contained breathing apparatus and turnout gear.
Unusual Fire and Explosive Hazards:	Low, when exposed to heat or flames. Can react with oxidizing materials.

## HEALTH HAZARD DATA

### **Effects of Overexposure:**

Vapors may cause eye and respiratory irritation. Liquid contact with eyes or skin may cause irritation.

### **First Aid Procedures:**

<u>Eyes</u> -	Immediately wash eyes with running water for 15 minutes. Get immediate medical attention.
<u>Skin</u> -	Wash affected areas with water while removing contaminated clothing. Get immediate medical attention. Launder contaminated clothing before reuse.
<u>Ingestion</u> -	If swallowed, <b>DO NOT INDUCE VOMITING</b> . Dilute with water or milk and call a physician immediately. Never give fluids or induce vomiting if the victim is unconscious or having convulsions.
<u>Inhalation</u> -	Move to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

## REACTIVITY DATA

Stability:	Stable
Incompatibility:	Strong Oxidizing Agents
Hazardous Decomposition Products:	Carbon Monoxide, Carbon Dioxide
Hazardous Polymerization:	Does not occur
Conditions To Avoid:	Heat and flames
Corrosive To Metal:	No
Oxidizer:	No

## SPECIAL PROTECTION

Respiratory Protection:	Approved organic vapor respirator
Eye Protection:	Chemical goggles
Protective Clothing:	Gloves, coveralls, apron, boots as necessary to prevent skin contact.
Ventilation:	Use local exhaust to control to recommended P.E.L.
Other:	n/a

## SPILL AND LEAK PROCEDURES

Spills should be contained, solidified, and placed in suitable containers for disposal. This material is not regulated under RCRA or CERCLA (Superfund).

## WASTE DISPOSAL METHOD

Incinerate in a licensed Facility. Do not discharge into waterways or sewer systems.

## SHIPPING DATA

D.O.T. Proper Shipping Name:	NOT REGULATED (NON-BULK)
D.O.T. Hazard Classification:	NONE
Hazardous Substance (49CFR CERCLA List):	NO
D.O.T. Placards Required:	NONE

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