

## SECTION I - PRODUCT IDENTIFICATION

### SUPPLIER



Pad Print Machinery of VT, Inc.

P.O. Box 720

East Dorset, VT 05253

Information Phone: 800-272-7764

24-Hour Emergency #: 800-535-5053

HMIS Hazard Ratings: Health - 2
none -> extreme Fire - 2
0 -> 4 Reactivity - 0

Product Code :

PLT 4 SERIES

## SECTION II - HAZARDOUS INGREDIENTS

Ingredients	CAS #	Weight %	--- Exposure Limits ----		VP mm HG	LD50 mg/kg	LC50 4 hr
			ACGIH/TLV	OSHA/PEL			
GLYCOL ETHER PM ACETATE	108-65-6	5-20	N.AV		3.7	N/AV	N/AV
2-BUTOXYETHYL ACETATE	112-07-2	20-50	25 ppm	N.AV ppm	.29	3200	450.
CYCLOHEXANONE	108-94-1	5-20	20 ppm	25 ppm	2	1620	2000
PETROLEUM HYDROCARBON	64742-95-6	1-5	50 ppm	N.AV ppm	10	N/AV	N/AV
ETHYLBENZENE	100-41-4	< 1.	100 ppm	100 ppm	10	N/AV	4000
TOLUENE	1330-20-7	1-5	100 ppm	100 ppm	6.8	4300	6700

\*\*\* ALL Ingredients in this product are listed in the T.S.C.A. Inventory.

## SECTION III - PHYSICAL DATA

Boiling Range: 282 - 367 Deg. F  
Evap. Rate: Faster than n-Butyl Acetate  
Volatiles vol % 57.6 Wgt% 54.1  
Vapor Pressure: 10.00 mmHg  
Appearance:  
V.O.C.: 3.3 LB/GL AVG

Vapor Density: Heavier than Air.  
Liquid Density: Same as Water.  
Wgt per gallon: 9.50 AVG  
Spec. Gravity: 1.14 AVG

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

Flammability Class: II Flash Point: 113 F TCC LEL: 0.50% UEL: 12.80%

### -EXTINGUISHING MEDIA:

Foam, CO2, dry chemical, water spray.

### -SPECIAL FIREFIGHTING PROCEDURES:

Use self-contained breathing apparatus. Water may be unsuitable as an extinguishing media, but helpful in keeping adjacent containers cool. Avoid spreading burning material with water used for cooling.

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA (cont.)

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### -UNUSUAL FIRE & EXPLOSION HAZARDS:

With the presence of ignitable materials, keep work areas free of hot metal surfaces and other sources of ignition.

## SECTION V - HEALTH HAZARD DATA

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### -PERMISSIBLE EXPOSURE LEVEL:

Not established on finished product. See section II for details on exposure limits for individual chemical ingredients.

### -EFFECTS OF OVEREXPOSURE:

ACUTE EYE: May cause eye irritation.

ACUTE SKIN: May cause irritation with prolonged or repeated contact. Absorption may occur through skin. Avoid and minimize contact by maintaining high standards of industrial hygiene. AVOID CONTACT.

ACUTE INHALATION: Overexposure to high concentrations may cause respiratory tract irritation and may affect the brain or nervous system causing dizziness, headache, nausea or narcosis.

ACUTE INGESTION: Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

OTHER CHRONIC EFFECTS: prolonged or repeated overexposure may cause impaired lung function, blood disorders, liver and kidney damage. Reports have associated repeated or prolonged overexposure to solvents with permanent brain damage and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.

SIGNS AND SYMPTOMS OF OVEREXPOSURE: drowsiness, dizziness, nausea or skin irritation, temporary changes in behavior, shortness of breath or respiratory failure.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY OVEREXPOSURE: pre-existing eye, skin, respiratory, kidney and liver disorders

CARCINOGENICITY: Contains more than 0.1% by weight of a material listed as a potential carcinogen by: NTP: NO IARC: YES OSHA: NO

ANIMAL STUDIES: This material (or a component) has been shown to cause birth defects in animal studies. Harm to the fetus occurs only at exposure levels that harm the pregnant animal. The relevance of these findings to humans is uncertain.

OTHER TOXICITY DATA: This product contains ethylbenzene. The International Agency for Research on Cancer (IARC) has evaluated ethylbenzene and classified it as a possible human carcinogen (group 2B) based on sufficient evidence for carcinogenicity in experimental animals, but inadequate evidence for cancer in exposed humans.

**SECTION V - HEALTH HAZARD DATA (cont.)**

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**-FIRST AID:**

EYE CONTACT: flush with large quantities of water for at least 15 minutes. Seek immediate medical assistance. SKIN CONTACT: wash immediately with large quantities of water and mild soap. If irritation or other effects persist, seek immediate medical attention. INHALATION: If breathing difficulties, dizziness or lightheadedness occur due to overexposure, remove person from exposure. If breathing is difficult, give oxygen. If breathing stops, begin artificial respiration. Seek immediate medical aid. INGESTION: contact a physician immediately.

**SECTION VI - REACTIVITY DATA**

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STABILITY: [ ] Unstable [x] Stable  
HAZARDOUS POLYMERIZATION: [ ] May occur [x] Will not occur

**-INCOMPATIBILITY**

Oxidizing agents, strong acids and bases

**-CONDITIONS TO AVOID:**

Heat, sparks, flame.

**-HAZARDOUS DECOMPOSITION PRODUCTS:**

Thermal decomposition may yield CO, CO<sub>2</sub>, and other toxic fumes.

**SECTION VII - SPILL OR LEAK PROCEDURES**

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**-STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED**

With the presence of ignitable materials, avoid hot metal surfaces and other sources of ignition. Avoid overexposure. Spills should be contained with inert material, and gathered into suitable retaining area. Small amounts of liquid spills may be absorbed into appropriate absorbent.

**-WASTE DISPOSAL METHOD:**

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

**SECTION VIII - SPECIAL PROTECTION INFORMATION:**

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**-RESPIRATORY PROTECTION:**

NOT USUALLY REQUIRED. If exposure controls are required, use NIOSH approved cartridge respirator, or gas mask.

**-VENTILATION:**

LOCAL EXHAUST PREFERRED. (Particularly in curing area.) General mechanical ventilation may be sufficient to keep product vapor concentration within specific time-weighted TLV ranges. If general ventilation proves inadequate to maintain safe vapor concentration, supplemental local exhaust may be required. Other special precautions such as respiratory masks or environmental containment devices may be required in extreme cases.

**-PROTECTIVE GLOVES:**

YES: NEOPRENE RUBBER

**-EYE PROTECTION:**

YES: Safety Glasses

**-OTHER PROTECTIVE EQUIPMENT:**

Eye bath, safety shower and protective clothing.

**SECTION IX - SPECIAL PRECAUTIONS**

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**-PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:**

Keep containers cool, dry and away from ignition sources. See OSHA Regulations (particularly OSHA 1910.106) for information on flammables and combustibles.

**-OTHER PRECAUTIONS:**

Use and store with adequate ventilations. Keep containers cool when not in use. Avoid inhalation. Do not take internally. Avoid personal contact. Wash thoroughly with mild soap and water after handling. Should contact be made, remove saturated clothing and wash affected areas. Wash clothes before reuse. Keep out of reach of children and others not trained in the safe use of this product. Dispose of emptied containers in accordance with local, state and Federal regulations. All hazard precautions given in this data sheet must be observed when disposing of containers holding residual material. The data and recommendations presented herein are believed to be accurate. HOWEVER, NO WARRANTY OR GUARANTEE OF THEIR ACCURACY IS MADE.

The products are distributed without any warranty, expressed or implied, including the implied warranties of merchantability for a particular use.

**SECTION X - ADDITIONAL REGULATORY INFORMATION**

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**-SARA TITLE III SECTION 313:**

This product contains the following toxic chemicals subject to the reporting requirements of section 313 of the Emergency Planning and Community Right To Know Act of 1986 and of 40 CFR 372:

CAS#	Chemical Name	Percent by Weight
112-07-2	2-BUTOXYETHYL ACETATE	29.97
100-41-4	ETHYLBENZENE	0.30
1330-20-7	XYLENE	1.73

**-PROP 65**

WARNING: This product contains a chemical known to the state of California to cause cancer, birth defects or other reproductive harm.