

12-28-04

# MATERIAL SAFETY DATA SHEET

## First Print, Inc.

Page 1 of 3

44928-7000

Complies with Federal OSHA Hazard Communication Standard 29CFR 1910 and California and Pennsylvania Right to Know Acts.

### SECTION 1 PRODUCT IDENTIFICATION AND USE

Product name: Blockout Pen Green (plastic barrel)  
 Manufacturer's name: First Print, Inc.  
 Manufacturer's address: 109 Cambridge Street, Winchester, MA 01890  
 Telephone number for information: 1-800-483-5824  
 Telephone number for emergencies: CHEMTREC 1-800-424-9300 (US)  
 DOT Class: INTERNATIONAL 1-202-483-7616 (Collect)  
 UN numbers: \*NA (limited quantity exemption 29 CFR 173.150)  
 NA

### Section 2: HAZARDOUS INGREDIENTS

Hazardous components	CAS#	% (by weight)	OSHA PEL	ACGIH TLV
ACETONE	67-64-1	50%	TW A 1000 ppm	TWA 750 ppm
METHANOL	67-56-1	17%	TW A 200 ppm	TWA 200 ppm

Pens contain 10 ml of screen filler. Methanol content is approx. 1.7 ml / pen

### SECTION 3: PHYSICAL / CHEMICAL CHARACTERISTICS

Physical state, appearance and odor:	Green viscous liquid with strong solvent odor		
Boiling point:	56.48 °C	Melting point:	NA
Vapour pressure (mmHG): 400mm @39 °C for Acetone	>1	Vapor density (air=1):	>1
Evaporation rate (butylacetate=1):	>1	% Volatile:	83%
Density/Specific gravity:	>1	%VOC (less water):	66%
Solubility in water:	miscible	pH:	ND
Oxidizing Properties:	None	Coefficient of oil/water distribution:	ND

V-16974

### SECTION 4: FIRE AND EXPLOSION HAZARD DATA

Flammable:  Yes  No  
 Flash point: 0°F for acetone (CC)  
 Upper explosive limit (UEL): ND  
 Lower explosive limit (LEL): ND  
 Autoignition temperature: 869°F for acetone  
 Explosion data: ND  
 Hazardous decomposition products: Toxic combustion gas may be formed  
 Extinguishing media: Co<sub>2</sub>, dry chemical, alcohol foam.

Item Number: 44930-4875  
 A=Not applicable, ND=No data

Page 1 of 3

## BLOCKOUT PEN GREEN Page 2 of 3

## SECTION 5: REACTIVITY DATA

Stable:  Yes  No

Hazardous Polymerization:  Yes  No

Incompatibility, materials to avoid: Oxidizing materials

Hazardous decomposition products: None when used under normal conditions

## SECTION 6: HEALTH HAZARD DATA / TOXICOLOGICAL PROPERTIES

Health hazard Acute: Narcotic in high concentrations

Health hazard Chronic: Long term overexposure may cause permanent injury to central nervous system. Ingestion of methanol may cause blindness.

Medical conditions generally aggravated by exposure: Dermatitis

Routes of exposure:

- Inhalation: Deliberately concentrating and inhaling contents can lead to unconscious and/or death.
- Skin: Prolonged contact with skin may cause irritation. Methanol can be absorbed through through the skin.
- Eye: Severe eye irritant.
- Ingestion: May be harmful or fatal if swallowed.

Carcinogenicity:  Yes  No (NTP)  Yes  No (IARC)  Yes  No (OSHA)

LD50 ND

LC50 ND

## SECTION 7: EMERGENCY AND FIRST AID PROCEDURES

Skin: Wash with soap and water. Consult physician if irritation occurs and persists.

Eyes: Wash immediately with water. Consult physician at once.

Ingestion: Get immediate medical aid. Do not induce vomiting.

Inhalation: Remove victim from exposure. Consult physician at once. Administer artificial respiration if breathing is stopped.

**SECTION 8: CONTROLS AND PREVENTATIVE MEASURES**

- Ventilation required:** Provide adequate ventilation. Do not use where vapors can accumulate.
- Respiratory protection:** Not required under normal use.
- Protective gloves:** Not required.
- Eye protection:** Not required.
- Hygienic / work practices:** Use in accordance with good industrial hygienic work practices. **KEEP PEN AWAY FROM ALL SOURCES OF HEAT. KEEP AWAY FROM CHILDREN.**

**SECTION 9: SPILL PROCEDURES AND WASTE DISPOSAL**

- Methods of disposal:** Disposal should be performed in accordance with all current local, state and federal regulations.

**SECTION 10: PRECAUTIONS FOR SAFE STORAGE AND HANDLING**

- Storage requirements:** Use and store this product at room temperatures. Keep away from all sources of heat. Keep out of direct sunlight. Do not keep pen in clothing pockets. Prolonged exposure to temperatures above 100°F may result in pen bursting.
- Handling procedures:** Recap and store pen upright after use. **KEEP AWAY FROM CHILDREN. . FOR PROFESSIONAL USE ONLY.**