

MATERIAL SAFETY DATA SHEET

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Manufacturer's Name: Press Color, Inc.
Street Address: 512 Randolph Dr.
City, State, Zip Code: Appleton, WI 54913
Emergency Phone Number: (920) 687-1313

Date Prepared: September 7, 2004

HMIS HAZARD IDENTIFICATION	
Hazard Rating	Product Hazard
Minimal0	Health: 2
Slight.....1	Flammability: 1
Moderate.....2	Reactivity: 1
Serious.....3	Personal
Severe.....4	Protection: B

SECTION I - IDENTIFICATION

Product Class:	Waterborne Flexographic Inks
Trade Name:	Flex Pacon Gold
Formula Number:	23-17-645

SECTION II - HAZARDOUS INGREDIENTS

Ingredient Name	CAS #	OSHA PEL	ACGIH TWA	%
Copper	7440-50-8	1 mg/m3	1 mg/m3	27.26
Zinc	7440-66-6	NE	5 mg/m3	11.69
Isopropyl Alcohol	67-63-0	400 ppm	400 ppm	1.9
Propylene Glycol	57-55-6	NE	NE	6.84

SECTION III - PHYSICAL DATA

Boiling Range of (of solvent degrees F):	>200
Vapor density is heavier than air	
Specific Gravity:	1.49
PH @ 100%:	NE
Appearance:	Metallic dispersion
Odor:	Nil
Percent, Volatile by weight (%):	43.07
Evaporation Rate (butyl acetate = 1):	Slower
Solubility in Water:	Partial
Viscosity:	NE
V.O.C. % by weight:	9.16

SECTION IV - FIRE & EXPLOSION DATA

Flash point:	Greater than 200 degrees F (Closed cup method, ASTM D3278-82)
Flammability Classifications:	Occupational Safety and Health Administration - Class III B National Fire Protection Association- Class I Department of Transportation- Not regulated
Extinguishing Media:	Dry Chemical
Unusual Fire & Explosion Hazards:	This product contains brass powder which is an alloy of copper and zinc. This may react with water to liberate hydrogen gas.

SECTION V - HEALTH HAZARD DATA

Primary Route(s) of Entry:	Dermal <input type="checkbox"/> X <input type="checkbox"/> Inhalation <input type="checkbox"/> Ingestion <input type="checkbox"/>
Effects of overexposure:	Prolonged contact with skin or eyes can cause irritation
Medical conditions generally aggravated by exposure:	Persons afflicted with chronic respiratory disease
Carcinogenicity:	Materials contained in this product are not listed as known or potential carcinogens by the National Toxicology Program (NTP) or the International Agency for Research on Cancer (IARC) unless otherwise stated in Section II. Materials contained in this product are not OSHA Regulated under 29 CFR 1910 Subpart Z.

SECTION V - HEALTH HAZARD DATA (continued)

Inhalation:	Remove to fresh air and get medical attention if cough or other symptoms develop.
Emergency and First Aid Procedures:	In case of contact with eyes, wash eyes immediately with water until irritation stops. In case of skin contact, wash affected area with soap and water. Seek medical attention as required.
Ingestion:	Rinse mouth, contact medical personnel immediately

SECTION VI - REACTIVITY DATA

Product stability:	Stable	X	Unstable		
Conditions to avoid:	Excessive heat or cold				

SECTION VII - SPILL OR LEAK PROCEDURES

Procedures when material is spilled or released:	For small spills: Wipe up and store wipers in Underwriters approved containers. For large spills: Scoop material into sealable containers. Wipe up remainder and store wipers in Underwriters approved containers.
Waste disposal method:	Spills of this material in excess of component's RQ must be reported to National Response Center (1-800-424-8802) and to appropriate State and Local Response Organizations.

SECTION VIII - SPECIAL PROTECTION INFORMATION

Ventilation:	Local exhaust desirable
Respiratory Protection:	None required for normal operation
Protective Gloves:	Normally required
Eye Protection:	Required

SECTION IX - SPECIAL PRECAUTIONS

Storage:	Store in closed containers. Keep cool. Avoid freezing.
Handling:	Avoid contact with skin, eyes, and clothing. Wash hands after each use. Change clothing, if contaminated. Do not consume food or beverages where product is used.

SECTION X - REFERENCES

1. Threshold limit value for chemical substances and physical agents and biological exposure indices 2000
2. OSHA PEL.
3. Dangerous properties of industrial materials, 7th edition N. Erving Sax and Richard J. Lewis Jr.
4. Registry of toxics effects of chemical substances NIOSH
5. Vendors M.S.D.S.
6. National Toxicology Program Results
7. IARC Monographs
8. California Proposition 65
9. Sect. 313 SARA 1986 and 40 CFR Part 372 (see Sect. II)
10. WI and Federal HAPS Lists

SECTION X - REFERENCES (CONTINUED)

The information contained herein is based on data considered accurate in light of current formulation, however, no warranty is expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof.

Press Color, Inc. assumes no responsibility for the personal injury or property damage caused by the use, storage, or disposal of the product in a manner not recommended on the product label. Users assume all risks associated with such recommended use, storage, or disposal of the product.