

MATERIAL SAFETY DATA SHEET

HAZARD RATINGS	
Minimal.....	0
Slight.....	1
Moderate.....	2
Serious.....	3
Severe.....	4

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0

DATE OF PREPARATON: 7/21/2008
 PREPARED BY: John G. Essel

Section I - Supplier Information

MANUFACTURERS NAME: Keystone Printing Ink Company
STREET ADDRESS: 2700 Roberts Ave
CITY, STATE & ZIP CODE: Philadelphia, PA 19129
EMERGENCY TELEPHONE NUMBER: 800-523-0111

PRODUCT CLASS: OXIDIZING OFFSET INK
 TRADE NAME: PANTONE® GOLDS
 PRODUCT NUMBER: VARIOUS

Section II - Reportable Ingredients

INGREDIENT 1 COPPER	HAZARD 1 CAS# 7440-50-5
INGREDIENT 2 ZINC	HAZARD 2 CAS# 7440-66-6
INGREDIENT 3	HAZARD 3
INGREDIENT 4	HAZARD 4
INGREDIENT 5	HAZARD 5

Section 313 Supplier Notification: Products containing pigments marked with an * on page 3 of this document contain toxic chemicals subject to the requirements of Section 313 of the Emergency Planning and Community Right-To -Know Act of 1986 and of CFR 372.

Section III - Physical Data

BOILING RANGE DEG F > 500 DEGREES	VAPOR DENSITY vs AIR HEAVIER THAN	LIQUID DENSITY vs WATER HEAVIER THAN	EVAPORATION RATE vs BUTYL ACETAT SLOWER
APPEARANCE COLORED PASTE	TYPE OF ODOR OLIORESINOUS	PERCENT VOC 15.6	

Section IV - Fire & Explosive Data

FLAMMABILITY OHSA: IIIIB DOT: NONE	Extinguishing Media Foam "Alcohol" Foam CO2 Dry Chemical Water Fog	FLASH POINT 270° F	METHOD USED	LEL 1.1
UNUSUAL FIRE HAZARDS NONE				
SPECIAL FIRE FIGHTING				

SECTION V -- HEALTH HAZARD DATA

EFFECTS OF OVER EXPOSURE

SKIN : Prolonged or repeated exposure may cause irritation.

EYES : Contact may cause burning and irritation.

INHALATION : Excessive inhalation of vapors may cause headache, dizziness, nausea.

INGESTION : May cause irritation or gastric disturbance.

PRIMARY ROUTE OF ENTRY : Dermal

FIRST AID PROCEDURES

SKIN : Wash hands with soap and water.

EYES : Rinse with plenty of water, for at least 15 minutes. If irritation persists, consult a physician.

SECTION VI -- REACTIVITY DATA

PRODUCT STABILITY : Stable

CONDITIONS TO AVOID : Contact with strong oxidizing agents. Excessive heat or sources of ignition.

SECTION VII -- SPILL OR LEAK PROCEDURES

PROCEDURE WHEN MATERIAL IS SPILLED OR RELEASED : Wipe up - dispose of wipers in containers approved for oily waste.

WASTE DISPOSAL METHOD : In accordance with local, state, and federal regulations.

**SECTION VIII
SPECIAL PROTECTION INFORMATION**

VENTILATION : General ventilation as specified by local, state and federal regulations.

PROTECTIVE CLOTHING : Gloves should be made available to avoid prolonged contact.

RESPIRATORY PROTECTION : Not normally required.

EYE PROTECTION : Safety goggles or glasses when washing presses.

SECTION IX -- SPECIAL PRECAUTIONS

HANDLING AND STORAGE : Keep containers closed when not in use.

Pigment List

Page 3 of 3

Pantone® Color	Pigment	Cas No.	OSHA	ACGIH
Yellow	C.I. Yellow 12	6358-85-6	N/L	N/L
Yellow	C.I. Yellow 13	5102-83-0	N/L	N/L
Yellow	C.I. Yellow 42	51274-00-1	N/L	N/L
*Warm Red	C.I. Red 53:1	5160-02-1	0.5mg/m3	0.5mg/m3
Red	C.I. Red 101	1309-37-1	N/L	N/L
Rubine	C.I. Red 57:1	5281-04-9	N/L	N/L
Rhodamine	C.I. Red 81:2	75627-12-2	N/L	N/L
Purple	C.I. Violet 1	1326-03-0	N/L	N/L
Violet	C.I. Violet 3	1326-03-0	N/L	N/L
Process Blue	C.I. Blue 15:3	147-14-8	N/L	N/L
Reflex Blue	C.I. Blue 56 C.I. Blue 61	6417-46-5 1324-76-1	N/L	N/L
Green	C.I. Green 7	14832-14-5	N/L	N/L
Black	C.I. Black 7	1333-86-4	N/L	N/L