

MATERIAL SAFETY DATA SHEET

FOR PRINTING INK AND RELATED MATERIALS

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

HEALTH	1
FLAMMABILITY	1
REACTIVITY	0

DATE OF PREPARATON
8/2/2005

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 Keystone Sheet-fed Lithographic Inks

PRODUCT NUMBER Various

Section II - Reportable Ingredients

INGREDIENT 1 None	HAZARD 1 None
INGREDIENT 2	HAZARD 2
INGREDIENT 3	HAZARD 3
INGREDIENT 4	HAZARD 4
INGREDIENT 5	HAZARD 5

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 1 - 3%	

Section IV - Fire & Explosive Data

FLAMMABILITY OHSA: IIIIB DOT: NONE	Extinguishing Media	Foam "Alcohol" Foam CO2 Dry Chemical Water Fog	FLASH POINT >350° F	METHOD USED C.O.C	LEL
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

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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

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