

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
3/31/2005

PREPARED BY
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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 **UV Curing Ink**

TRADE NAME **Cinram UV DVD Process Series**

PRODUCT NUMBER **Various**

Section II - Reportable Ingredients

INGREDIENT 1 Epoxy Acrylate Oligomer	HAZARD 1 CAS# 54847-34-6 40-60%
INGREDIENT 2 Pigments (see page 3)	HAZARD 2 CAS# Various 15-20%
INGREDIENT 3 Glycerol Triacrylate	HAZARD 3 CAS# 52408-84-1 10-15%
INGREDIENT 4 Photo initiator (C10 H12 O2)	HAZARD 4 CAS# 7473-98-5 10-15%
INGREDIENT 5 Polydimethyl Siloxane	HAZARD 5 CAS# 68611-44-9 2-5%

Section III - Physical Data

BOILING RANGE DEG F NE	VAPOR DENSITY vs AIR NE	LIQUID DENSITY vs WATER NE	EVAPORATION RATE vs BUTYL ACETAT NE
APPEARANCE COLORED PASTE	TYPE OF ODOR ACRYLIC	PERCENT VOC 0	

Section IV - Fire & Explosive Data

FLAMMABILITY OSHA: IIIB DOT: NONE	Extinguishing Media Foam "Alcohol" Foam CO2 Dry Chemical Water Fog	FLASH POINT >200° F	METHOD USED PMCC	LEL ND
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.

ABBREVIATIONS USED:

ND = Not Determined

NA = Not Applicable

NE = Not Established

PMCC = Pensky-Martens Closed Cup

Pigment List

Pantone® Color	Pigment	Cas No.	OSHA	ACGIH
Yellow	C.I. Yellow 12	6358-85-6	N/L	N/L
Rubine	C.I. Red 57:1	5281-04-9	N/L	N/L
Process Blue	C.I. Blue 15:3	147-14-8	N/L	N/L
Black	C.I. Black 7	1333-86-4	N/L	N/L