FOR HEALTH HAZARD INFORMATION CALL: (708) 632-0505

Section I IDENTIFICATION

COLOR IMAGING INKS
CLEAR INK BASE
METALLIC INKS
FLUORESCENT INKS
PASTEL INKS
TRANSCOAT - OPAQUE/TRANSPARENT
INK CONCENTRATES
TONER DYES
FOIL TRANSFER BASECOAT

CHEMICAL NAME: Solvent based polyamides
FORMULA: PROPRIETARY

Section II INGREDIENTS

Solvent based inks and resins of this class may contain a maximum of 50% by weight of volatile solvents in the form of mixed alcohols, esters or proprietary hydrocarbons. Mixture contains no other ingredient known to contain hazardous properties.

Section III PHYSICAL DATA

BOILING POINT: 150 degrees - 220 degrees F
VAPOR DENSITY: Heavier than air
SOLUBILITY: Not soluble in water
SPECIFIC GRAVITY: Heavier than water
EVAPORATION RATE: Slower than ether
% VOLATILE BY VOLUME: 50% max.
APPEARANCE: Colored fluid dispersions, solvent like odor.

Section IV FIRE AND EXPLOSION DATA

FLASH POINT: NFPA 1B
FLAMMABLE LIMITS: 40 degrees F cc
EXTINGUISHING MEDIA: CO2, Dry chemical, foam
SPECIAL FIRE FIGHTING PROCEDURES: Use water spray to keep containers cool. Exposure of closed containers to excessive heat during a fire may cause disruptive pressures.

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Section V REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION WILL NOT OCCUR

Section VI HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: 600 ppm
OVEREXPOSURE SYMPTOMS: Inhalation may cause light headedness or nausea.
EMERGENCY FIRST AID PROCEDURES: Ingestion - induce vomiting, contact physician immediately.
Skin - Wash with solvent followed with soap and water
Eye - Flush with water, consult physician
USE ADEQUATE VENTILATION

Section VII HANDLING AND STORAGE DATA

KEEP CONTAINERS CLOSED AND AWAY FROM HEAT, SPARK AND OPEN FLAME

SPILL OR LEAK PROCEDURE: Clean up with solvent, avoiding heat, spark and open flame.
WASTE DISPOSAL METHOD: Dumping in accordance with Federal, State and Local pollution laws.

Section VIII PERSONAL PROTECTION AND CONTROL DATA

VENTILATION: In accordance with OSHA standard 1910.94

GLOVES SHOULD BE PROVIDED WHERE PROLONGED CONTACT MAY OCCUR.
USE SUITABLE EYE PROTECTION TO AVOID ACCIDENTAL EYE CONTACT.

KEEP CONTAINERS CLOSED AND AWAY FROM EXCESSIVE HEAT.
FOR HEALTH HAZARD INFORMATION CALL: (708) 632-0505

Section I IDENTIFICATION

PRE-SENSITIZED CLEAR PHOTOCOAT
PRE-SENSITIZED TINTED PHOTOCOAT
SYSTEM 3 PHOTOCOAT, PART B

CHEMICAL FAMILY: Vinyl Polymer
CHEMICAL NAME: PVOH, PVA
CHEMICAL FORMULA: Proprietary

Section II INGREDIENTS

SEE SECTION I
NO HAZARDOUS INGREDIENTS

Section III PHYSICAL DATA

BOILING POINT: This is a water based solution
SOLUBILITY: Infinitely soluble in water
SPECIFIC GRAVITY: Heavier than water
EVAPORATION RATE: Same as water
% VOLATILE BY VOLUME: 5% max.
APPEARANCE: Yellow, purple/brown coloring.

Section IV FIRE AND EXPLOSION DATA

WATER BASED SOLUTION
NON-FLAMMABLE
Section V  REACTIVITY DATA

STABILITY: Stable
HAZARDOUS POLYMERIZATION WILL NOT OCCUR

Section VI  HEALTH HAZARD DATA

NONE

Section VII  HANDLING AND STORAGE DATA

THRESHOLD LIMIT VALUE: None
OVEREXPOSURE SYMPTOMS: None
SPILL OR LEAK PROCEDURES: Mop up and rinse with water.

Section VIII  PERSONAL PROTECTION AND CONTROL DATA

NONE

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Section I IDENTIFICATION

DEVELOPER

CHEMICAL FAMILY: Alcohol, Aliphatic hydrocarbon blend
FORMULA: Proprietary

LIQUID LAMINATION THINNER

Section II INGREDIENTS

SOLVENTS OF THIS NATURE CONTAIN FROM 30-100% Aliphatic petroleum distillates (TLV units 200ppm)
10-30% Aliphatic alcohols
(TLV units 400 ppm *skin)

Section III PHYSICAL DATA

BOILING POINT: 176 Deg. F
VAPOR DENSITY: Less than air
SOLUBILITY: Partially soluble in water
SPECIFIC GRAVITY: Lighter than air
PERCENT VOLATILE BY VOLUME: 100%
EVAPORATION RATE: Faster than n-BuAc
APPEARANCE AND ODOR: Water white liquid, alcohol like odor.

Section IV FIRE AND EXPLOSION DATA

FLASH POINT: 70 degrees F (tab cc)
FLAMMABLE LIMITS: 0
EXTINGUISHING MEDIA: CO2, Dry chemical, foam
SPECIAL FIRE FIGHTING PROCEDURES: Cool sealed containers with water spray to minimize chance of rupture. ***Direct water stream may spread flames.
EXTREMELY FLAMMABLE, VAPORS CAN MIX WITH AIR AND FORM COMBUSTIBLE OR EXPLOSIVE MIXTURES.

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Section V  REACTIVITY DATA

STABILITY: Stable
INCOMPATIBILITY: Strong oxidizers, alkali metals

HAZARDOUS POLYMERIZATION WILL NOT OCCUR.

Section VI  HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE: See Section II
OVEREXPOSURE SYMPTOMS: Skin and eye irritation
Inhalation may cause dizziness, nausea, headache

EMERGENCY FIRST AID PROCEDURES:
Skin - wash with soap and water
Eyes - flush with water, contact physician
Inhalation - move victim to fresh air
Ingestion - Do not induce vomiting, contact physician immediately

Section VII  HANDLING AND STORAGE DATA

KEEP CONTAINERS CLOSED AND AWAY FROM HEAT, SPARK AND OPEN FLAME

SPILL OR LEAK PROCEDURE: Absorb spill with solid absorbent avoiding heat, spark, flame.
WASTE DISPOSAL: Contact Federal, State and Local Agencies
Incineration is recommended.

Section VIII  PERSONAL PROTECTION AND CONTROL DATA

VENTILATION: Local exhaust to a fire safe area recommended.

GLOVES SHOULD BE PROVIDED WHERE PROLONGED CONTACT MAY OCCUR.
USE SUITABLE EYE PROTECTION TO AVOID ACCIDENTAL EYE CONTACT.

EXTREMELY FLAMMABLE, KEEP CONTAINERS CLOSED AND AWAY FROM HEAT, SPARK AND OPEN FLAME.