

MATERIAL SAFETY DATA SHEET

Information in accordance with 29 CFR 1910.1200 (g)(1)

DATE OF ISSUE: 06/06/94 SUPERSEDES: 07/02/92 MSDS NBR: PAFC-1020

SECTION I - GENERAL INFORMATION

MANUFACTURER'S NAME: UNION INK COMPANY **HMIS INFO:**
ADDRESS: 453 BROAD AVENUE **HEALTH:** 1
RIDGEFIELD, NJ 07657 **FLAMMABILITY:** 1
EMERGENCY TELEPHONE: 800-424-9300 (CHEMTREC) **REACTIVITY:** 0
INFORMATION TELEPHONE: 201-945-5766 **PERSONAL PROTECTION:** E

PRODUCT CLASS: PLASTISOL SCREEN PRINTING INK
TRADE NAME: FAST FLASH CURE PLASTISOLS
MANUFACTURER'S CODE: PAFC-1020, -1050, -9090

SECTION II - HAZARDOUS INGREDIENTS

This product contains the following toxic chemicals (if any are present they are marked "YES" under the SARA 313 column below) subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDS's that are copied and distributed for this material.

HAZARDOUS INGREDIENTS	CAS Number	%	SARA 313		OSHA PEL		ACGIH TLV's		Vapor Press. mm Hg
			Listed	MFR's TLV	ppm	mg/m ³	TWA ppm	STEL ppm	

There are no Hazardous Ingredients as defined under OSHA Regulations 29 CFR 1910.1200. with this exception.

The following item is found in PAFC-1050

ORGANIC PEROXIDE	NO	N/E	N/E	N/A	N/E
------------------	----	-----	-----	-----	-----

The remaining (proprietary) ingredients are not found in the most recent Massachusetts, New Jersey, Maryland, Pennsylvania and California Substance Lists. THE FORMULA, IN ITS ENTIRETY, IS DEEMED "TRADE SECRET" BY THE COMPANY.

SECTION III - PHYSICAL DATA

BOILING RANGE: 425°F. **PERCENT VOLATILE BY WEIGHT:** <2
VAPOR DENSITY: HEAVIER THAN AIR **WEIGHT PER GALLON (LBS/GAL):** 13
EVAPORATION RATE: SLOWER THAN ETHER **VOC (THEORETICAL) (LBS/GAL):** <0.26

SECTION IV - FIRE AND EXPLOSION DATA

FLASH POINT: 440°F. **C.O.C.** **U.E.L.:** N/E **L.E.L.:** N/E

OSHA CLASSIFICATION: Combustible Liquid, Class III B.

DOT CLASS: Not Regulated.

EXTINGUISHING MEDIA: Dry Chemical, CO₂, Universal Foam or Water Spray (fog).

UNUSUAL FIRE AND EXPLOSION HAZARDS: When heated above the flash point, emits flammable vapors which, when mixed with air, can burn or be explosive.

SPECIAL FIRE FIGHTING PROCEDURES: Use MSHA/NIOSH approved self-contained breathing apparatus and full protective gear when fighting fire in confined spaces.

While Union Ink believes that the data contained herein are factual and the opinions expressed are those of qualified experts regarding the results of the tests conducted, the data are not to be taken as a warranty or representation for which Union Ink assumes a legal responsibility. Since the use of this information and these opinions and the use of the product are not within the control of Union Ink, it is the user's obligation to determine the conditions of safe use of the product.

N/A - Not Applicable

N/E - Not Established

U/K - Unknown