

MATERIAL SAFETY DATA SHEET

SPINKS INK COMPANY
1125 WEST REPUBLIC DRIVE
ADDISON, IL 60101

INFORMATION PHONE: (630) 543-9783
EMERGENCY PHONE: (800) 327-4657
DATE PREPARED: March 18, 2009
HMIS: H1 F1 R0

SECTION I

PRODUCT CLASS: Sheetfed Oxidizing Offset Inks
TRADE NAME: Titan Printing Inks Stay Open Pantone® Intermediates
PRODUCT NUMBER: All Codes (See Page 2)

SECTION II — HAZARDOUS COMPONENTS

This product is not considered hazardous under the OSHA Hazard Communication Standard, 29CFR 1910.1200.

SECTION III — PHYSICAL DATA

BOILING RANGE (°F): 520 - 578
VAPOR DENSITY VS. AIR: Heavier
LIQUID DENSITY VS. WATER: Heavier
EVAPORATION RATE VS. BUTYL ACETATE: Slower
SOLUBILITY IN WATER: None
APPEARANCE: Colored Paste
TYPE OF ODOR: Oily
% VOLATILES, Wt.: 12 - 24

SECTION IV — FIRE AND EXPLOSION DATA

FLAMMABILITY CLASSIFICATION
NFPA: CLASS III B **DOT:** Not Regulated **FLASH PT. (°F)** >200 **LEL:** No Data
(Method used): SETA C.C.

EXTINGUISHING MEDIA: Use fog, foam, CO₂ or dry chemical

UNUSUAL FIRE AND EXPLOSION HAZARDS: Dense smoke may be generated when burning.

SPECIAL FIRE FIGHTING PROCEDURES: Fire fighters should be equipped with self-contained breathing apparatus and turnout gear. Water spray may be used to cool closed containers to prevent pressure build-up and possible auto-ignition when exposed to extreme heat. When water is used, fog nozzles are preferable.

SECTION V — HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE: Because of the defatting property in certain ingredients, skin contact may result in dryness and/or irritation and dermatitis may develop with prolonged exposure. Eye irritation is also possible.

MEDICAL CONDITION PRONE TO AGGRAVATION BY EXPOSURE: It is expected that skin contact may aggravate an existing dermatitis.

PRIMARY ROUTE(S) OF ENTRY: DERMAL

EMERGENCY AND FIRST AID PROCEDURES:

Inhalation: Remove from exposure, restore breathing. Call physician.
Eyes: Flush with water for 15 minutes. Call physician.
Skin: Wash with soap and water, remove contaminated clothing.
Ingestion: DO NOT INDUCE VOMITING

SECTION VI — REACTIVITY DATA

PRODUCT STABILITY: Stable

CONDITIONS TO AVOID: Heat, sparks and open flames.

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂ and NO_x on burning.

HAZARDOUS POLYMERIZATION: Will not occur.

SECTION VII — SPILL OR LEAK PROCEDURES

PROCEDURE WHEN MATERIAL SPILLED OR RELEASED: Wipe up - Dispose of wipers in containers approved for oily wastes.

WASTE DISPOSAL METHOD: In accordance with Federal, State, and Local regulations.

SECTION VIII — SPECIAL PROTECTION INFORMATION

VENTILATION: Under normal conditions, general ventilation or local exhaust ventilation or as specified by Local or State requirements.

PROTECTIVE GLOVES: Required for prolonged or repeated contact.

RESPIRATORY PROTECTION: None required normally.

EYE PROTECTION: None required in normal usage.

OTHER PROTECTIVE EQUIPMENT: None

SECTION IX — SPECIAL PRECAUTIONS

HANDLING AND STORAGE: Store in sealed containers away from heat, sparks, open flames, and oxidizing materials. Fire extinguisher readily available and personnel trained in its proper use.

OTHER PRECAUTIONS: FOR INDUSTRIAL USE ONLY. DO NOT TAKE INTERNALLY. DO NOT REUSE CONTAINER FOR OTHER PURPOSES.

SECTION 313 SUPPLIER NOTIFICATION

* This product contains the following toxic chemicals that are subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986 and 40 CFR 372:

Manganese Compound - 1.5 max.

Cobalt Compound - 1.2 max.

COLOR	PRODUCT No.	METHOD 24 VOC, WT.%	SARA 313 REPORTING	SPECIFIC GRAVITY	LBS/GAL	VOC LBS/GAL
YELLOW	TIY-130	15	NONE	1.00	8.34	1.25
*WARM RED	TIR-130	12	BARIUM COMPOUND, 31%	1.11	9.26	1.11
RUBINE RED	TIR-140	24	NONE	1.02	8.51	2.04
RHODAMINE RED	TIR-150	14	NONE	1.09	9.09	1.27
PURPLE	TIP-130	15	NONE	1.04	8.67	1.30
VIOLET	TIV-130	23	NONE	1.06	8.84	2.03
REFLEX BLUE	TIB-130	22	NONE	1.09	9.09	2.00
PROCESS BLUE	TIB-140	20	NONE	1.03	8.59	1.72
GREEN	TIG-130	22	NONE	1.08	9.01	1.98
TRANSPARENT WHITE	TIW-130	17	NONE	0.95	7.92	1.35
NEUTRAL BLACK	TIK-130	16	NONE	1.09	9.09	1.45

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