

MATERIAL SAFETY DATA SHEET

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SECTION I

PRODUCT CLASS: Sheetfed Oxidizing Offset Inks
TRADE NAME: Titan Printing Inks
PRODUCT NUMBER: All Codes

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: Lighter
EVAPORATION RATE VS. BUTYL ACETATE: Slower
SOLUBILITY IN WATER: None
APPEARANCE: Colored Paste
TYPE OF ODOR: Oily
% VOLATILES, Wt.: 5-22 — EPA Method 24

SECTION IV — FIRE AND EXPLOSION DATA

FLAMMABILITY CLASSIFICATION

OSHA: CLASS III B

DOT: Not Regulated

FLASH PT. (°F) >200
(Method used): SETA C.C.

LEL: No Data

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 N_xO 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.

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