

# MATERIAL SAFETY DATA SHEET

**SPINKS INK COMPANY**  
**1125 WEST REPUBLIC DRIVE**  
**ADDISON, IL 60101**

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**HMS:** H1 F1 R0

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## SECTION I

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**PRODUCT CLASS:** Oxidizing Offset Inks  
**TRADE NAME:** Titan Stay Open Process Colors  
**PRODUCT NUMBER:** TIY-110; TIR-110; TIB-110; TIK-110

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## SECTION II — HAZARDOUS COMPONENTS

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

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## SECTION III — PHYSICAL DATA

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**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.:** 18-26 — EPA Method 24

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## SECTION IV — FIRE AND EXPLOSION DATA

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

**EXTINGUISHING MEDIA:** Use fog, foam, CO<sub>2</sub> 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.

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## SECTION V — HEALTH HAZARD DATA

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**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

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**SECTION VI — REACTIVITY DATA**

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**PRODUCT STABILITY:** STABLE

**CONDITIONS TO AVOID:** Heat, sparks and open flames.

**HAZARDOUS DECOMPOSITION PRODUCTS:** CO, CO<sub>2</sub> and N<sub>x</sub>O on burning.

**HAZARDOUS POLYMERIZATION:** Will not occur.

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**SECTION VII — SPILL OR LEAK PROCEDURES**

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**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.

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**SECTION VIII — SPECIAL PROTECTION INFORMATION**

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**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

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**SECTION IX — SPECIAL PRECAUTIONS**

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**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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