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**SECTION 1: PRODUCT AND COMPANY IDENTIFICATION**

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**PRODUCT NAME:** 5127 Ink  
**SYNONYMS:** EZ Ink

**COLORS:** Black, blue, red, green, brown, violet and all other dye based colors

**MANUFACTURER:** Specialty Ink Company, Inc.  
**ADDRESS:** 20 Dunton Avenue  
Deer Park, NY 11729

**EMERGENCY PHONE:** 800-688-4005 - VEOLIA  
**OTHER CALLS:** 631-586-3666  
**FAX PHONE:** 631-586-3666

**PREPARED BY:** Keith Werwa

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**SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS**

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<u>Ingredient</u>	<u>CAS NO.</u>	<u>% VOL</u>	<u>SARA 313 Reportable</u>	<u>Exposure Limit ACGIH-TLV</u>	<u>Exposure Limit OSHA PEL</u>
Glycerine USP 99.5%	56-81-5	20-30		10MG/M3	10MG/M3
USP Propylene Glycol	57-55-6	40-50		non-toxicnon-toxic	
Water	7732-18-5	25-35		non-toxicnon-toxic	

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**SECTION 3: HAZARDS IDENTIFICATION**

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**EMERGENCY OVERVIEW:** Do not get in eyes, on skin or clothing. Do not breathe vapor or mist. Keep container closed. Use only with adequate ventilation. Wash thoroughly after handling.

**ROUTES OF ENTRY:** Dermal contact. Eye contact. Inhalation. Ingestion.

**POTENTIAL HEALTH EFFECTS**

**EYES:** May cause slight temporary eye irritation

**SKIN:** Prolonged contact is essentially nonirritating to skin. Prolonged skin contact is unlikely to result in absorption of harmful amounts.

**INGESTION:** Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

**INHALATION:** No adverse effects are anticipated from single exposure to vapor.

**CHRONIC HEALTH HAZARDS:** In animals, Diethylene Glycol has been reported to produce effects in the liver and kidney and, only after high oral doses, in the testes and thymus.

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**SECTION 4: FIRST AID MEASURES**

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**EYES:** Affected individual should remove contact lens, if present. In case of contact with eyes, rinse immediately with plenty of water or saline solution. Get medical attention if irritation occurs.

**SKIN:** In case of contact, immediately flush skin with plenty of water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Thoroughly clean shoes before reuse. Get medical attention if irritation occurs.

**INGESTION:** Induce vomiting unless directed not to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical attention immediately

**INHALATION:** If inhaled, remove to fresh air. Get medical attention if symptoms appear. If exposed person is not breathing, give artificial respiration or oxygen applied by trained personnel.

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**SECTION 5: FIRE-FIGHTING MEASURES**

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**FLAMMABLE LIMITS IN AIR, UPPER:** 15.3

(% BY VOLUME) LOWER: 1.7

**FLASH POINT:** 232 F

**METHOD USED:** Closed cup

**AUTOIGNITION TEMPERATURE:** 444 F

**HMIS HAZARD CLASSIFICATION**

HEALTH: 1

FLAMMABILITY: 1

REACTIVITY: 0

PROTECTION: B

**EXTINGUISHING MEDIA:** Carbon dioxide. Dry chemical. Alcohol Foam. Water spray. Water in ink will stop fire after flash.

**SPECIAL FIRE FIGHTING PROCEDURES:** Firefighters should wear appropriate protective equipment and self contained breathing apparatus (SCBA) with a full facepiece operated in positive pressure mode. Use waterspray to cool fire exposed area. Use watersparay to protect personnel. Water on fire may cause frothing. Fire should go out due to water in ink.

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**SECTION 6: ACCIDENTAL RELEASE MEASURES**

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**ACCIDENTAL RELEASE MEASURES:** Keep unnecessary personnel away. Use suitable protective equipment (Section 8).

**ENVIRONMENTAL PRECAUTIONS:** Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**METHODS FOR CLEANING UP:**

Small spill and leak: Absorb with an inert material and place in an appropriate waste disposal container.

Large spill and leak: Use appropriate containment to avoid environmental contamination. Place spilled material in an appropriate container for disposal.

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**SECTION 7: HANDLING AND STORAGE**

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**HANDLING:** Keep container closed. Avoid breathing heated vapors. Do not take internally and avoid contact with eyes..

**STORAGE:** Keep container tightly closed. Keep container in a cool, well ventilated area. Avoid strong oxidants and acids.

**STORAGE TEMPERATURE:** 0-120 F

**SHELF LIFE:** 24 months from date of manufacture

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**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

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**ENGINEERING CONTROLS:** Provide exhaust ventilation or other engineering controls to keep the airborne concentrations of vapors below their respective occupational exposure limits. Ensure that eyewash stations and safety showers are proximal to the work-station location

**PERSONAL PROTECTION:**

**RESPIRATORY PROTECTION:** Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

**EYE PROTECTION:** Safety eyewear complying with an approved standard should be use when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists or dusts.

**SKIN PROTECTION:** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**PERSONAL PROTECTION IN CASE OF LARGE SPILL:** Splash goggles. Full suit. Boots. Gloves. Suggested protective clothing might not be sufficient; consult a specialist BEFORE handling this product.

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**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

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**PHYSICAL STATE AND APPEARANCE:** Liquid

**ODOR:** Mild

**BOILING POINT:** 212 F

**MELTING POINT:** 32 F

**VAPOR PRESSURE (mmHg):** <1 mm hg

**VAPOR DENSITY (AIR = 1):** 4.15

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 1.0211

**REACTIVITY IN WATER:** None

**SOLUBILITY IN WATER:** Complete

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**SECTION 10: STABILITY AND REACTIVITY**

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**STABILITY:** Stable

**CONDITIONS TO AVOID (STABILITY):** Extremely high temperatures

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong oxidants and acids

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:** Burning may produce CO and CO<sub>2</sub>

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID (POLYMERIZATION):** None

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**SECTION 11: TOXICOLOGICAL INFORMATION**

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N/A

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**SECTION 12: ECOLOGICAL INFORMATION**

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N/A

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**SECTION 13: DISPOSAL CONSIDERATIONS**

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**WASTE DISPOSAL METHOD:** Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to a RCRA approved incinerator or disposed in a RCRA approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. The user of this material has the responsibility to dispose of container and unused contents in accordance with federal, state and local requirements.

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**SECTION 14: TRANSPORT INFORMATION**

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**U.S. DEPARTMENT OF TRANSPORTATION (LAND, D.O.T.)**  
NOT REGULATED

**WATER TRANSPORTATION (WATER, I.M.O.)**  
NOT REGULATED

**AIR TRANSPORTATION (AIR, I.C.A.O.)**  
NOT REGULATED

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**SECTION 15: REGULATORY INFORMATION**

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**U.S. FEDERAL REGULATIONS:** Not regulated

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**SECTION 16: OTHER INFORMATION**

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**OTHER INFORMATION:** The hazards listed on this MSDS are taken from the MSDS for each of the ingredients in this mixture. In most cases, the maximum form of hazard is represented here. The TLV's represent the conditions under which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect. It must be remembered that each individual

reacts differently and some may experience discomfort while others do not. This MSDS is presented so that each individual will have the information to deal safely with the use of this product. All material's TSCA listed.

**PREPARATION INFORMATION:** Prepared by Specialty Ink Company, Inc.

**DATE PREPARED:** May 23, 2013

The information on this MSDS superceeds any previously dated MSDS.

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