Safety Data Sheet

1250 Black Ink

SECTION 1 *Product Identification and General Information*

Manufacturer: International Imaging Materials, Inc.
Manufacturer Address: 310 Commerce Drive, Amherst, New York 14228-2396
Product Information: 716-691-6333 (contact Director, Manufacturing Engineering)
Emergency Phone Number (24 Hour): Infotrac 1-800-535-5053 for Domestic USA (For Hazardous Materials (or Dangerous Goods) Incident, Spill, Leak, Fire, Exposure or Accident)
Emergency Phone Number (Outside U.S. and Canada): Infotrac 1-325-323-3500 (collect calls accepted)
Product Numbers: 1250 Black Ink, 5152 Black Ink, 4230 Black Ink, Mark II Ink
Product Use: Printing Ink
Date SDS Prepared: 5/8/2024

This SDS has been prepared for the purposes of Hazard Communication, under 29 CFR 1910.1200.

SECTION 2 *Hazards Identification*

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Target Organs: Central Nervous System

GHS Classification: Flammable liquids (Category 2); Eye irritation (Category 2A);
Specific target organ toxicity - single exposure (Category 3), Central nervous system

GHS Label Elements, including Precautionary Statements:

Pictograms:



Signal Word: Danger

Hazard Statements:
Flammable liquid and vapor.
Causes serious eye irritation.
May cause drowsiness and dizziness.

Precautionary Statements:
Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
Do not breathe dust/ fume/ gas/ mist/ vapors/ spray.
Use personal protective equipment as required.
Ground/bond container and receiving equipment.
Use explosion-proof electrical/ ventilating/ lighting/ equipment.
Wear protective gloves/ protective clothing/ eye protection/ face protection.
IF SWALLOWED: Immediately call a POISON CENTER or doctor/ physician.
IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Hazards not otherwise classified (HNOC) or not covered by GHS - none

SECTION 3 *Composition/Information on Ingredients*

Contents	Synonyms	Percent by Weight	CAS No.	OSHA PEL	ACGIH TLV	LISTED CARCINOGEN (IARC/OSHA/NTP)
Ethanol	Ethyl Alcohol	20% - 25%	64-17-5	1000 ppm	1000 ppm	No
1-Methoxy-2-Propanol	PM Solvent	30% - 35%	107-98-2		50 ppm	No
Diacetone Alcohol		20% - 25%	123-42-2	50 ppm	50 ppm	No
Modified Polymers/Binders		5% - 10%	Proprietary			No
Black Colorant (Not classified as Hazardous)		10% - 15%	Proprietary			No

SECTION 4 *First Aid Procedures*

Description of First Aid Measures:

Eye Contact: Flush with copious amounts of water for at least 15 minutes, lifting lower and upper eyelids occasionally. Get medical attention.

Skin Contact: In case of contact, immediately flush skin with plenty of soap and water for at least 15 minutes while removing contaminated clothing and shoes. Wash clothing before reuse. Call a physician immediately.

Inhalation: If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician immediately.

Ingestion: Inducing vomiting should only be performed under the direct supervision of medical personnel. Never give anything by mouth to an unconscious person. Call a physician or Poison Control Center immediately.

Most important symptoms and effects, both acute and delayed: The most important known symptoms and effects are described in the labeling (see Section 2) and/or in Section 11.

Indication of any immediate medical attention and special treatment needed: No data available.

SECTION 5 *Fire-Fighting Measures*

Flash Point: 21°C (70°F)

Fire and Explosion Hazards: Flammable Liquid. Dangerous fire hazard when exposed to heat or flame.

Extinguishing Media: Water spray, foam, dry chemical, carbon dioxide. Alcohol resistant foams (ATC) are preferred, if available.

Special Hazards arising from the Substance or Mixture:

Fire Fighting Procedures: In the event of a fire, wear full protective clothing and NIOSH-approved self-contained breathing apparatus with full face piece operated in the pressure demand or other positive pressure mode. Water spray may be used to keep fire-exposed containers cool.

Unusual Fire and Explosion Hazards: This flammable liquid must be kept away from sparks, open flame, hot surfaces, and all sources of heat and ignition. Decomposition materials may emit acrid smoke and irritating fumes. Never use welding or cutting torch on or near drum (including empty) because product can ignite explosively.

SECTION 6 *Accidental Release Measures*

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Avoid breathing vapors, mist or gas. Ensure adequate ventilation. Remove all sources of ignition. Evacuate personnel to safe areas. Beware of vapors accumulating to form explosive concentrations. Vapors can accumulate in low areas. For personal protection see section 8.

Environmental precautions: Prevent further leakage or spillage if safe to do so. Do not let product enter drains.

Methods and materials for containment and cleaning up: Contain spillage, and then collect with an electrically protected vacuum cleaner or by wet-brushing and place in container for disposal according to local regulations (see section 13).

Reference to other sections: For disposal see section 13.

SECTION 7 *Handling and Storage*

Precautions for Safe Handling: Protect against physical damage. Store in a cool, dry well-ventilated location, away from any area where the fire hazard. Separate from incompatibles. Storage and use areas should be NO SMOKING areas. Use non-sparking tools and equipment. Containers of this material may be hazardous when empty since they retain product residues (vapors, liquid); observe all warnings and precautions listed for the product.

Conditions for Storage: Store in a cool, dry, well-ventilated place, in securely closed original container. Flammable/combustible - Keep away from oxidizing agents, heat and flames.

Specific End Uses: Apart from the uses mentioned in Section 1 no other specific uses are stipulated

SECTION 8 ***Exposure Controls/Personal Protection***

Ingredients	CAS No.	OSHA PEL	ACGIH TLV
Ethanol	64-17-5	1000 ppm	1000 ppm
1-Methoxy-2-Propanol	107-98-2		50 ppm
Diacetone Alcohol	123-42-2	50 ppm	50 ppm

Eye Protection: Use chemical safety glasses or goggles and/or a full-face shield where splashing is possible. Maintain eye wash fountain and quick-drench facilities in work area.

Ventilation System: A system of local and/or general exhaust is recommended to keep employee exposures below the Airborne Exposure Limits. Local exhaust ventilation is generally preferred because it can control the emissions of the contaminant at its source, preventing dispersion of it into the general work area. Use explosion-proof equipment.

Respiratory Protection: Appropriate respiratory protection is required when exposure to airborne contaminant is likely to exceed acceptable limits. Respirators should be selected and used in accordance with OSHA Part 1910.134 and the manufacturer's recommendations.

Skin Protection: Wear impervious protective clothing, including boots, gloves, lab coat, apron or overalls, as appropriate, to prevent skin contact. Check with your safety supplier for the proper chemical-resistant gloves.

SECTION 9 ***Physical and Chemical Properties***

Appearance: Liquid	**Flashpoint:** 21°C (70°F)
Color: Black	**Flammability (solid, gas):** Not Determined
Odor/Taste: Alcohol	**Upper/Lower Flammability**: Not Determined
Odor Threshold: Not Determined	**Freezing Point (°F/°C):** Not Determined
pH: Not Determined	**Specific Gravity (@68°F, Water=1):** ~0.90
Solubility Description: Not Determined	**Vapor Density (Air=1):** Not Determined
Boiling Point (°C@760 mmHg): Not Determined	**Vapor Pressure (mmHg@68° F):** Not Determined
Melting Point (°F/°C): Not Determined	**Viscosity:** Not Determined
Auto ignition Temperature: Not Determined	**Evaporation Rate (Butyl Acetate=1) :** ~ Not Determined
Partition Coefficient (n-octanol/water): Not Determined	**Decomposition Temperature**: Not Determined
Explosive Properties: Not Determined	**Oxidizing Properties:** Not Determined

SECTION 10 ***Stability and Reactivity***

Reactivity: No data available.

Stability: Stable under normal storage conditions.

Possibility of Hazardous Reactions:

Conditions to Avoid: Heat, flames, sparks, ignition sources and incompatibles.

Incompatibility (materials to avoid): Oxidizing materials.

Hazardous Decomposition Products: Carbon dioxide and carbon monoxide may form when heated to decomposition.

Hazardous Polymerization: Will not occur.

SECTION 11 ***Toxicological Information***

Information on toxicological effects (Ethanol)

Acute toxicity: LD50 Oral - Rat - 10,470 mg/kg**;** LC50 Inhalation - Rat - 4 h - 30,000 mg/l**;** LD50 Dermal - Rabbit - 15,800 mg/kg
Skin corrosion/irritation: Skin – Rabbit-Result: No skin irritation - 24 h (OECD Test Guideline 404)
Serious eye damage/eye irritation: Eyes – Rabbit-Result: Moderate eye irritation (OECD Test Guideline 405)
Respiratory or skin sensitization: No data available

SECTION 12 *Ecological Information*

Environmental Toxicity: The ecological characteristics of this product have not been fully investigated. The product should not be allowed to enter drains or water courses or be deposited where it can affect ground or surface waters. Do not discharge product into the environment.

SECTION 13 *Disposal Considerations*

Waste Disposal Method: Recovered non-usable material may be regulated as a hazardous waste due to its ignitibility and/or its toxic characteristics. It is the responsibility of the user to determine if the material is a RCRA "hazardous waste" at the time of disposal. Transportation, treatment, storage, and disposal of waste material must be conducted in accordance with RCRA regulations. State and/or local regulations may be more restrictive.

SECTION 14 *Transport Information*

USDOT and IMDG Regulations

Proper Shipping Name – UN1210, Printing Ink, 3, PG II
Hazard Class – 3 (Flammable Liquid)
Identification Number – UN1210
Packing Group - II

IATA Regulations

Proper Shipping – UN1210, Printing Ink, 3, PG II

SECTION 15 *Regulatory Information*

Toxic Substances Chemical Inventory (TSCA): This product (and/or all of its components) is in compliance with USEPA TSCA.

SECTION 16 *Other Information*

SDS Preparation Date: 5/8/2024

DISCLAIMER:

The information accumulated herein is believed to be accurate and represents the best data currently available. It is the user's responsibility to determine suitability of use. No warranty, expressed or implied, is made and IIMAK assumes no legal responsibility or liability resulting from its use. Materials comprising <1% by weight, or <0.1% by weight if the chemical is a carcinogen, are not listed herein.