

Safety Data Sheet

NOMA Color Inks

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: NOMA Color Inks (All Colors), 6911 Inks (All Colors), 5067 (Red & Black); 8723 (Red and Black)

Product Use: Printing Ink

Date SDS Prepared: 3/2/2023

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

SECTION 2 *Hazards Identification*

GHS Classification: Not a hazardous substance or mixture.

GHS Label Elements, including Precautionary Statements:

Not a hazardous substance or mixture.

Pictograms: None

Signal Word: None

Hazard Statements: None

Precautionary Statements: If In Eyes: Rinse cautiously with water for several minutes. Remove contact lenses. 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)
Proprietary Solvent Blend		90% - 100%	Proprietary			No
Colored Pigments		5% - 10%	Proprietary			No
Aluminum (Silver Ink)		5% - 10%	7429-90-5	15 mg/m ³	1 mg/m ³ (R)	No
Titanium Dioxide (White Ink)		10% - 15%	13463-67-7	15 mg/m ³	10 mg/m ³	IARC 2B (See Section 11)
Carbon Black (Black Ink)		10% - 15%	1333-86-4	3.5 mg/m ³	3.5 mg/m ³	IARC 2B (See Section 11)

SECTION 4 *First-Aid Measures*

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.

Inhalation: Remove to fresh air. Aid in breathing, if necessary, and get immediate medical attention.

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: Not Flammable

Extinguishing Media: Water spray, foam, dry chemical, carbon dioxide

Special Fire Fighting Procedures: Wear normal firefighting protective equipment, such as SCBA, in buildings or confined spaces.

Unusual Fire and Explosion Hazards: None

Hazardous Combustion Products: Burning may produce carbon dioxide, carbon monoxide, and smoke.

SECTION 6 *Accidental Release Measures*

Personal precautions, protective equipment and emergency procedures: Use personal protective equipment. Use proper personal protective equipment as indicated in 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: Absorb spill with inert material (e.g. vermiculite, sand or earth), then place in suitable container. Avoid runoff into storm sewers and ditches which lead to waterways. Clean up spills immediately, observing precautions in the Protective Equipment section. Remove all sources of ignition. Provide ventilation.

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.

Conditions for Storage: Store in a tightly closed container. Store in a cool, dry, well-ventilated area away from incompatible substances. No special precautions indicated.

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

SECTION 8 *Exposure Controls/Personal Protection*

Eye Protection: Wear safety glasses.

Respiratory Protection: No special respiratory protection required if adequate ventilation is provided.

Ventilation: Provide sufficient mechanical ventilation.

Protective Clothing: Wear chemical-resistant gloves and protective clothing appropriate for the risk of exposure.

Work and Hygienic Practices: Eye wash and shower facility should be available. Practice good hygiene and maintain a clean work environment.

SECTION 9 *Physical and Chemical Properties*

Appearance: Liquid	Flashpoint: Not Flammable
Color: Colored	Flammability (solid, gas): Not Determined
Odor/Taste: Not Determined	Upper/Lower Flammability: Not Determined
Odor Threshold: Not Determined	Freezing Point (°F/°C): Not Determined
pH: Not Determined	Specific Gravity (@68°F, Water=1): ~1
Solubility Description: Soluble in Water.	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) : ~1
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.

Possibility of Hazardous Reactions:

Conditions to Avoid: None known.

Incompatibility (materials to avoid): None known.

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: There is no available data for the product itself.

Carbon Black: In its Monograph Volume 65, issued in April 1996, the International Agency for Research on Cancer (IARC) re-evaluated carbon black and concluded that, "there is inadequate evidence in humans for the carcinogenicity of carbon black".

Titanium Dioxide: Titanium Dioxide is classified as IARC Group 2B or Possibly Carcinogenic to Humans. The IARC summary concludes, "No significant exposure to titanium dioxide is thought to occur during the use of products in which titanium is bound to other materials, such as paint."

SECTION 12 *Ecological Information*

Ecological Data: No data available at this time.

SECTION 13 *Disposal Considerations*

Waste Disposal Method: Dispose of product in accordance with local, state, and federal regulations.

SECTION 14 *Transport Information*

US DOT or IATA/ICAO does not regulate these products as hazardous materials for transportation.

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: 3/2/2023

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.
