

SAFETY DATA SHEET

Section 1: Product and Company Identification

Product Name/Description: Photo Matte/Black Inks
Company: Nova Polymers, Inc.
8 Evans St., Fairfield, NJ 07007
Telephone: 1-888-486-6682
Emergency Phone Number: ChemTel – 1-800-255-3924

Section 2: Hazard Identification



WARNING

Eye, skin, and respiratory tract irritant.

Emergency Overview: WARNING; HARMFUL IRRITANT

Hazard Statement(s):

H242 Heating may cause fire
H305 May be harmful if swallowed
H313 May be harmful in contact with skin
H317 May cause an allergic skin irritation
H320 May cause eye irritation
H333 May be harmful if inhaled
H335 May cause respiratory irritation

Precautionary Statement(s):

P235 Keep cool
P264 Wash thoroughly after handling
P281 Use PPE as required
P285 In case of inadequate ventilation wear respiratory protection
P410 Protect from sunlight

Potential health effects

Primary routes of exposure: Eyes, skin, inhalation, ingestion

Effects of acute overexposure:

Eyes: Can cause severe eye irritation.

Skin: May cause skin irritation.

Breathing: Prolonged or excessive inhalation may cause respiratory tract irritation.

Swallowing: Harmful if swallowed. Ingestion may cause nausea, vomiting, diarrhea and gastrointestinal irritation.

Section 3: Composition/Information on Ingredients

Common Name	C.A.S. No.	%	PEL	TLV	Notes
Propriety Dyes and Pigments	Trade Secret	1-10			(1)
Diethylene Glycol	111-46-6	10-20			(1)
Ethylene Glycol Monobutyl Ether	111-76-2	1-10			(1)
Deionized Water		60-80			(1)

Notes:

- (1) This mixture does not meet the classification criteria according to OSHA Hazcom 2012

Section 4: First Aid Measures

Skin: May cause skin irritation. Wash skin with plenty of soap and water. Remove contaminated clothing and footwear. Get medical attention if irritation develops or persists.

Eyes: Rinse cautiously with water for several minutes. If eye irritation persists: Consult physician.

Ingestion: Dilute swallowed material by rinsing out mouth. Give water as needed. Call a physician or poison control center immediately.

Breathing: If inhaled and adverse symptoms are experienced, remove person immediately to fresh air and consult physician.

Section 5: Fire-Fighting Measures

Flash point: N/A

Flammable limits: N/A

Extinguishing Media: CO₂, water or dry chemical

Hazards during fire-fighting: none known.

Protective equipment for fire-fighting: Wear self-contained breathing apparatus with full face-piece operated in the positive pressure demand mode when fighting fires. Do not inhale combustion gases.

Section 6: Accidental Release Measures

Personnel Precautions: Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Avoid contact with skin, eyes, and clothing. Use appropriate PPE.

Environmental Precautions: Avoid any run-off to drains, ditches, or waterways.

Spill clean-up measures: Absorb spill with inert materials. Provide adequate ventilation, use appropriate PPE, flush area with soap and water to remove trace residue. Avoid personal contact and breathing vapors.

Section 7: Handling and Storage

Handling: Use with adequate ventilation. Avoid contact with skin, eyes, and clothing. In case of contact, wash the contaminated area immediately. Keep out of reach of children. Do not

drink/ingest the product. Do not dismantle the cartridge. Use good safety and industrial hygiene practices.

Storage: Store in cool, dry, well ventilated area away from sources of heat or incompatible materials. Keep container closed when not in use. Keep out of the reach of children.

WASH THOROUGHLY AFTER HANDLING PRODUCT.

Section 8: Exposure Controls/Personal Protection

None required when product used as intended. Use good safety and industrial hygiene practices.

Section 9: Physical and Chemical Properties

Boiling Point: 200°F

Melting Point: None established

Flash Point: 199°F

Ph: 7-10

Vapor Pressure: ND

Vapor Density: (air=1) Not available

Specific Gravity: (H₂O=1)

Solubility in water: Miscible

Appearance and Odor: Black liquid, slight odor.

Section 10: Stability and Reactivity

Hazardous Polymerization: Will not occur

Stability: Product is stable under recommended handling and storage conditions.

Incompatibility: Avoid acids, bases, and strong oxidizing materials and reducing agents.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, hydrogen chloride, nitrogen oxide, and possible minor amounts of aromatic or aliphatic hydrocarbon.

Conditions to Avoid: Heat, flames, ignition sources, and/or sparks; freezing or temperatures below 32°F.

Section 11: Toxicological Information

Acute Toxicity:

Overexposure of eye surface to ink may be mildly irritating.

Overexposure of skin to ink contact may cause irritation.

Intentional inhalation overexposure to ink vapors may cause respiratory tract irritation.

Intentional or accidental oral ingestion may cause stomach irritation.

Chronic Health Hazards: None Known

Carcinogenicity: None Known

Toxicity Data:

Ethylene Glycol Monobutyl Ether – CAS 111-76-2

Oral LD50 - >470mg/kg (rat)

Dermal LD50 – 2270 mg/kg (rat); 220 mg/kg (rabbit)

Section 12: Ecological Information

Ecotoxicity: No environmental information found for this product.

Environmental Fate: No environmental information found for this product.

Section 13: Disposal Considerations

Observe all federal, state, and local environmental regulations.

Section 14: Transport Information

UN Number: None

UN Proper Shipping Name: None

Transport Hazard Class: None

Packing Group: None

Marine Pollutant: None

Special Precaution for User: None

Section 15: Regulatory Information

SARA

This product does contain a chemical which is subject to the reporting requirements of the SARA Act of 1986.

Ethylene glycol monobutyl ether, 111-76-2, 1-10%

CWA

This product does not contain any substances regulated as pollutants per the Clean Water Act.

CERCLA

This material as supplied does not contain any substances regulated as hazardous substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act.

California

None

MA Substance List

Ethylene Glycol Monobutyl Ether – CAS 111-76-2

NJ Hazardous Substance List

Ethylene Glycol Monobutyl Ether – CAS 111-76-2

Diethylene Glycol – CAS 111-46-6

PA Hazardous Substance List

Ethylene Glycol Monobutyl Ether – CAS 111-76-2

Diethylene Glycol – CAS 111-46-6

Canada WHMIS

Not Listed

Section 16: Other Information

Reasonable care has been taken in the preparation of this information, but the manufacturer makes no warranty of merchantability or any other warranty, expressed or implied with respect to this information. The manufacturer makes no representations and assumes no liability for any direct, incidental or consequential damages resulting from its use. Recipients are advised to confirm in advance of need that the information contained therein is current, applicable, and suitable to their circumstance and application.