

SAFETY DATA SHEET

Section 1: Product and Company Identification

Product Name/Description: AccuInk/UV Blocking Black Ink

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: May cause eye irritation.

Skin: May cause skin irritation.

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

Swallowing: No specific information available.

Section 3: Composition/Information on Ingredients

Common Name	C.A.S. No.	%	PEL	TLV	Notes
Proprietary Dye	Trade Secret	<15			(1)
Proprietary Chemical Solution	Trade Secret	<30			(1)
Water	7732-18-5	>65			(1)

Notes:

(1) PEL/TLV not established

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; fumes may be toxic.

Section 6: Accidental Release Measures

Personnel Precautions: Do not touch 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. Use good safety and industrial hygiene practices. Industrial use only.

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

WASH THOROUGHLY AFTER HANDLING PRODUCT.

Section 8: Exposure Controls/Personal Protection

Engineering Controls: Mechanical exhaust required.

Gloves: Rubber or neoprene gloves required.

Eyes: Personal eye protection is required. Wear splash proof goggles where exposure is possible.

Respiratory: use NIOSH approved equipment suitable for nuisance mist when airborne exposure is excessive.

Safety/eyewash stations should be available. Use of impervious clothing, face shield, boots recommended if exposure is severe.

Section 9: Physical and Chemical Properties

Boiling Point: Not established

Melting Point: Not established

Ph: 7-10

Vapor Pressure: Not established

Vapor Density: (air=1) Not established

Specific Gravity: 1.01-1.08 @ 25°C

Solubility in water: Miscible

Viscosity: 2-4 cps @ 25°C

Appearance and Odor: Black liquid

Section 10: Stability and Reactivity

Hazardous Polymerization: Will not occur

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

Incompatibility: Strong oxidizing agents, strong acids.

Hazardous Decomposition Products: Carbon Monoxide, Carbon Dioxide, and Sulfur Oxides.

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: None Known

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

Reportable for Section 313 (Form R): immediate acute health hazard.

TSCA

All ingredients are listed chemicals in TSCA registry.

California

None

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.