

MATERIAL SAFETY DATA SHEET

UV BLOCKING INK

1. Production Information

Product Name: UV Blocking (PN 90-1926-008)
Chemical family/Product type: Ink jet ink; water based; non-flammable
Manufacturer Agent: Freehand Graphics, Inc.
Address: 31 Ridgefield Drive Shoreham NY 11786
Emergency Phone Number: 303-371-6979
CAS Number: Mixture/ Trade Secret

2. Composition

Hazards Identification	Weight %	Toxicity Data		
Water CAS# 7732-18-5	> 65	ACGIH TLV Not Established	OSHA PEL Not Established	Oral Rat LD50 Not Established
Dye Proprietary	< 20	ACGIH TLV Not Established	OSHA PEL Not Established	Oral Rat LD50 20,000 mg/kg
Chemical solution Proprietary	< 30	ACGIH TLV Not Established	OSHA PEL Not Established	Oral Rat LD50 20,000 mg/kg

3. Physical Data

Appearance	Black Colored Liquid
Solubility in Water	Miscible
Freezing Point	Not Established.
Boiling Point	Not Established.
PH (100%)	7.0 – 10.0
Specific Gravity, 25 C	1.01 - 1.08
Viscosity, cps @ 25 C	2-4
Flash Point, C	Not Established.

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4. Hazards

Skin:	May cause irritation.
Eyes:	May cause allergic reaction and irritation.
Respiratory System:	May cause irritation.
Target Organs:	Not Established.

5. First Aid

Skin:	Wash with soap and water and rinse thoroughly.
Eyes:	Flush eyes and under eyelids for 15 minutes with water. Seek medical attention if irritation or redness persists.
Inhalation:	Move to fresh air. Seek medical attention if irritation persists.
Ingestion:	Give water to dilute and get medical attention.

6. Fire Fighting Measures

Extinguishing Media:	Water Spray, carbon dioxide, dry chemical.
Hazardous Combustion Products:	Material may burn in fire conditions releasing Products which may be toxic (SO ₂ CO, CO ₂ , and volatile organics).
Fire Fighting Procedures:	Wear approved MSHA/NIOSH breathing apparatus and full protective clothing.

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7.Exposure Controls/Personal Protection

In accordance with good industrial practices, handle with care and avoid personal contact.

Wear protective gloves, safety goggles, and other protective clothing.

Avoid contact with skin, eyes, and clothing.

Mechanical exhaust required.

Irritant.

Keep tightly closed.

Keep from freezing.

8.Reactive Data

Stability:	Stable
Incompatibility:	Strong Oxidizing agents, Strong Acids
Hazardous Decomposition Products:	Carbon monoxide, Carbon Dioxide, Sulfur Oxides.

9.Accidental Release

Spill Response:	Collect spilled material and wash area with water.
Neutralizing Chemicals:	None Required
Waste Disposal:	Follow all federal, state and local Regulations

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10. Regulatory Information

CALIFORNIA PROPOSITION 65: This product contains no chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

SARA Title III 311/312: This product has been reviewed according to the EPA Hazard Categories promulgated under section 311 and 312 of SARA TITLE III, and is considered, under applicable definition, to be an immediate/acute health hazard.

EEC SYMBOLS AND INDICATIONS OF DANGER: None

R-PHRASES: R36/38 – Irritating to eyes and skin.

S-PHRASES: S24/25 – AVOID CONTACT WITH SKIN AND EYES.

WHMIS HAZARD SYMBOLS: None

TOXIC Substance Control Act Status

All ingredients are listed on the Environmental Protection Agency's Toxic Substance Control Act (TSCA) Inventory.

11. Transport Information

DOT: Proper Shipping Name: ALL Black Ink UV BLOCKING INK

Non-Hazardous for Transport: This substance is considered to be nonhazardous for transport and not regulated under DOT, IATA, ADR, or RID.

12. Other

The above information is believed to be correct but does not purport to be all-inclusive and shall only be used as a guide. Spectracorp offers this information as a service to our customers and shall not be held liable for any damage resulting from handling or from contact with the above product.

END OF MSDS