

# SAFETY DATA SHEET

(REACH Regulation (EC) No. 1907/2006- No. 2015/830)

Revision Date: May 17, 2023

## SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND THE COMPANY/UNDERTAKING

### 1.1 Product Identifier:

**Product Name:** Fast Dry Pigment / Hybrid Ink

**Product Code(s):** H370

### 1.2 Relevant Identified Uses of the Substance of Mixture and Uses advised Against:

1.2.1 **Relevant Identified Uses:** Ink for Inkjet Printer

1.2.2 **Uses advised against:** No additional information available

### 1.3 Details of the Supplier of the Safety Data Sheet Manufacturer:

**Registered company name:** Vision Imaging Supplies, Inc

**Address:** 21744 Marilla St., Chatsworth CA 91311

**Telephone:** T: (818) 885-4515

**Email:** [QA@Vis-llc.com](mailto:QA@Vis-llc.com)

## SECTION 2: HAZARD(S) IDENTIFICATION

### 2.1 Classification of the Substance or Mixture:

**Classification according EC regulation No. 1272/2008 and its amendments**

The product is not classified as dangerous according to Regulation No. 1272/2008

### 2.2 Label elements:

**Labelling according to EC regulation No. 1272/2008 (CLP)**

The product is not classified as dangerous according to Regulation No. 1272/2008

#### **Hazard pictograms (CLP)**

Not required

#### **Signal Word (CLP):**

Not required

#### **Hazard Statement:**

Not required

### **Precautionary Statements:**

P102 Keep out of reach of children

P280 Wear protective gloves/protective clothing/eye protection

P302+P352 IF ON SKIN: Wash with plenty of water/soap

P305+P351+P338

IF ON EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P337+P313 If eye irritation persists, get medical advice/attention.

### **Other Information:**

Contains 1,2 benzisothiazol-3(2H)-one

May cause an allergic reaction

### 2.3 Other Hazards:

No other information available

## SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS

### 3.1 Substances:

Not applicable

### 3.2 Mixtures:

Chemical characterizations: Mixture of substances listed below with non-hazardous additions.

Chemical Name	CAS# / EINECS#	%	Regulation (EC) No.1272/2008(CLP)
Water and Non Haz Ingredients.	Mixture	60-80	None
Glycol Ether	Proprietary	< 10	None
1,2 Hexanediol	6920-22-5 / 684-913-5	<10	Eye Irrt. 2A;H319 Skin Irrt. 2; H315
Lactam	Proprietary	<10	None
Carbon Black	7732-18-5 / 237-7912	<5	None
1,2 benzisothiazolin-3(2H)-one	2634-33-5 / 220-120-9	0.05	Acute Tox. 4; H302 Skin Irrit.2; H315 Eye Damage 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400

## SECTION 4: FIRST AID MEASURES

### 4.1 Description of First Air Measures:

**Inhalation:** Remove victim to fresh air. If breathing has stopped, give artificial respiration. If breathing is difficult have qualified personnel administer oxygen.

**Ingestion:** Call a poison control center or doctor immediately for treatment advice. If conscious, give one 8 ounce glass of water to dilute. DO NOT induce vomiting unless directed by medical personnel. Do not give anything by mouth to or induce vomiting in a person who is unconscious or convulsing.

**Skin Contact:** Remove contaminated clothing. Wash contact area thoroughly with soap and water until no traces of the chemical remains. Get medical attention if irritation develops or persists. Launder contaminated clothing before reuse. Discard contaminated clothing such as shoes that cannot be decontaminated.

**Eye Contact:** Flush eyes with water for 15 minutes while lifting the upper and lower lids. Get medical attention immediately if symptoms occur.

## SECTION 5: FIRE-FIGHTING MEASURES

### 5.1 Extinguishing Media:

Use CO2, foam, water or dry chemical

### Unsuitable Extinguishing Media:

None

### 5.2 Special Hazards Arising From the Substance or Mixture:

#### Special Hazard:

None

#### Hazardous Combustion Products:

Carbon Dioxide, Carbon Monoxide, Nitrogen Oxides

### 5.3 Advice for Fighters:

Firefighters should wear full emergency equipment and NIOSH approved positive pressure self-contained breathing apparatus. Cool fire exposed containers and structures with water.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1 Personal Precautions, Protective Equipment and Emergency Procedures:

Avoid contact with skin, eyes and clothing. Wear safety glasses and wear gloves.

### 6.2 Environmental Precautions:

Keep out of waterways

### 6.3 Methods and Material for Containment and Clean Up:

Wipe up with absorbent material such as absorbent clay, paper towels, or wet mop

### Other Information:

None

## SECTION 7: HANDLING and STORAGE

### 7.1 Precautions for Safe Handling:

Avoid contact with eyes, skin and clothing. Avoid breathing vapors. Use with adequate ventilation. Remove and launder contaminated clothing before re-use. Wash thoroughly after handling and before eating, drinking, smoking or using toilet facilities. Wear safety glasses and gloves.

### 7.2 Conditions for Safe Storage Including Any Incompatibilities:

Protect containers from physical damage. Store in a cool, dry area away from oxidizers and other incompatible materials. Keep away from heat and sources of ignition. Empty containers retain product residues and are hazardous. Follow all SDS precautions in handling empty containers.

### 7.3 Specific end use(s):

No information available

## SECTION 8: EXPOSURE CONTROLS and PERSONAL PROTECTION

### 8.1 Control Parameters:

CHEMICAL NAME	CAS# / EINECS#	EXPOSURE LIMITS
1,2 Hexanediol	6920-22-5/684-913-5	None Established
Lactam	Proprietary	None Established
Glycol Ether	Proprietary	None Established
Carbon Black	7732-18-5 / 231-7912	3.5 mg/m <sup>3</sup> TWA OSHA PEL 3.5 mg/m <sup>3</sup> TWA ACGIH TLV

### 8.2 Exposure Controls:

**Ventilation:** Provide adequate general or local exhaust ventilation to maintain vapor concentrations below the exposure limits.

**Respiratory Protection:** Use NIOSH approved respirator with organic vapor cartridges or supplied air respirator if needed. Selection of respiratory protection depends on the contaminant type, form and concentration. Select in accordance with OSHA 1910.134 and good Industrial Hygiene practice.

**Eye Protection:** Chemical safety goggles if splashing is possible.

**Protective Clothing:** Nitrile rubber or other impervious gloves are recommended if contact is likely. Impervious apron, boots and other clothing are recommended if needed to prevent contact or if splashing is possible.

**Other Protective Equipment:** For operations where contact can occur, an eye wash facility should be immediately available.

## SECTION 9: PHYSICAL and CHEMICAL PROPERTIES

### 9.1 Information on basic physical and chemical properties:

**Appearance:** Black liquid

**Flash Point:** Not Available

**Boiling Point (@760 mmHg) :** >212F

**Specific Gravity (H<sub>2</sub>O=1):** 1.05

**Vapor Pressure:** 17.5 mmHg

**Vapor Density (Air=1):** Heavier than air

**Solubility in Water:** Complete

**Flammability (solid, gas) –** Not Applicable

**Flammability Limits in Air**

Upper Flammability Limit: None

Lower Flammability Limit: None

**Odor:** Mild

**Viscosity (mPa's)** 1 – 5

**Freezing Point:** Not Available

**Coefficient of Water /Oil:** Not Available

**Evaporation Rate:** < Butyl Acetate

**pH:** 7.0 – 9.0

**Melting Point:** Not Available

**Relative Density:** Not Available

**Auto ignition Temperature©:** Not Available

**Decomposition Temperature©:** Not Available

### 9.2 Other information:

No additional information available

## SECTION 10: STABILITY and REACTIVITY

### 10.1 Reactivity:

None

### 10.2 Chemical Stability:

Stable

### 10.3 Possibility of Hazardous Reactions:

None

### 10.4 Conditions to Avoid:

None known.

### 10.5 Incompatible Materials:

Strong oxidizing agents, strong acids and strong bases.

### 10.6 Hazardous Decomposition Products:

Thermal decomposition may yield carbon monoxide, carbon dioxide, nitrogen oxides and acrolein.

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1 Information on toxicological effects:

Skin corrosion/irritation:	Non-irritant
Eye damage / irritation:	Mild irritant
Sensitization to the respiratory tract:	No data available
Skin sensitization:	No data available
Germ cell mutagenicity / Genotoxicity:	No data available
Carcinogenicity:	No data available
Reproductive toxicity:	No data available
Specific target organ toxicity (single exposure):	No data available
Specific target organ toxicity (repeated exposure):	No data available
Aspiration hazard:	No data available

## SECTION 12: ECOLOGICAL INFORMATION

### 12.1 Toxicity:

Aquatic toxicity

1,2 Hexanediol	No Data Available
Lactam	No Data Available
Glycol Ether	No Data Available
Carbon Black	LC50/96 hour fathead minnow >100 mg/l EC50/24 hour daphnia magna >1000 mg/l

### 12.2 Persistence and Degradability:

No data available

### 12.3 Bio accumulative Potential:

No data available

### 12.4 Mobility in Soil:

No data available

### 12.5 Results of PBT and vPvB assessment:

No data available

### 12.6 Other Adverse Effects:

No data available

## SECTION 13: DISPOSAL CONSIDERATIONS

### 13.1 Waste Treatment Method:

Dispose of in accordance with all local, state and federal regulations.

## SECTION 14: TRANSPORT INFORMATION

### 14.1 UN number:

ADR/RID, IMDG, IATA-DGR - not applicable

### 14.2 UN Proper shipping name:

ADR/RID, IMDG, IATA-DGR - not applicable

### 14.3 Transport hazard class:

ADR/RID, IMDG, IATA-DGR – not applicable

### 14.4 Packing group:

ADR/RID, IMDG, IATA-DGR – not applicable

### 14.5 Environmental hazards:

Dangerous for the environment – no

Marine pollutant - no

### 14.6 Special precautions for user:

not applicable

### 14.7 Transport In Bulk According to Annex II of MARPOL 73/78 and the IBC Code:

not applicable

## SECTION 15: REGULATORY INFORMATION

### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture:

#### 15.1.1 EU Regulations:

Contains no REACH substances with Annex XVII restrictions

Contains no substance on the REACH candidate list

Contains no REACH Annex XIV substances

#### 15.2 Chemical Safety Assessment:

None

## SECTION 16: OTHER INFORMATION

### Full text of H-Statements referred to under sections 2 and 3

**H302** – Harmful if swallowed

**H315** – Causes skin irritation.

**H317** – May cause an allergic skin reaction

**H318** – Causes serious eye damage

**H319** – Causes eye irritation

**H400** – Very toxic to aquatic life

**TWA** – Total Weighted Average

**PEL** – Permissible Exposure Limit