Industries of the Blind, Inc.
920 West Gate City Blvd
Greensboro, NC 27403

Telephone Number: 1-336-274-1591

Date of Last Revision: 6/8/2018
Medical Emergency No: 1 (336) 274-1591

Section One: Identification

Product Name:	Gel Black Ink / Gel Blue Ink / Gel Red Ink
Chemical Name:	Water-based Ink
Company:	Industries of the Blind, Inc.
Address:	920 West Gate City Blvd Greensboro, NC 27403 U.S.A
Information Phone:	(TEL): 1 (336) 274-1591
Emergency Phone:	1 (336) 274-1591 This phone number is only available during office hours 8am to half past 3pm EST Monday - Friday.
	Cage Code: 84470
Recommended Use:	Gel Black, Blue and Red Ink for use in writing instruments. 7520-01-684-9424, 7520-01-684-9425, 7520-01-684-9429, 7510-01-685-0103, 7510-01-684-9431, 7510-01-684-9430

Section Two: Hazard(s) Identification

Hazard Classification: This product does not meet the definition of any hazard class, as defined by the Globally Harmonized System. (See GHS "Purple Book" for details on classification).

NN9

WARNING
Harmful if swallowed

Avoid contact with skin, eyes, and clothing. Wash hands and face thoroughly after handling. Do not eat, drink or smoke when using this product. Dispose of contents/container in accordance with local, state and federal regulations.

First aid:
If swallowed: Call a doctor if you feel unwell. Rinse mouth.

FARO International, Inc., 151 Kalmus Drive, M6, Costa Mesa, CA 92626 Telephone (714) 432-8780

Section Three: Composition / Information on Ingredients

Chemical characterization; Mixtures
Mixture of the following substances, containing non-hazardous substances and coloring agents.
Description: Mixture of the substances listed below with nonhazardous additions.

Contains:	EINECS	CAS	Concentration %	Symbols	R-phrases
C.I. Acid Red 92		18472-87-2	0.0 – 2.5%		
C.I. Acid Violet 17		4129-84-4	0.0 – 1.0%		

**The chemical identity and exact percentage has been withheld due to trade secret.*

Section Four: First-Aid Measures

Skin Exposure: If this material contaminates the skin, immediately begin decontamination with running water and soap. Remove exposed or contaminated clothing, taking care not to contaminate eyes. The contaminated individual must seek medical attention if any adverse effect occurs.

Eye Exposure: If this material enters the eyes, open the contaminated individual's eyes while under gently running water. Use sufficient force to open eyelids. Have the contaminated individual "roll" eyes. Minimum flushing time is for 15 minutes. The contaminated individual must seek medical attention if any adverse effect occurs.

Inhalation: If vapors, sprays or mists of this material are inhaled, remove the contaminated individual to fresh air. If not breathing, perform CPR immediately. Seek medical attention if adverse effect occurs.

Ingestion: If this material is swallowed, CALL PHYSICIAN OR POISON CONTROL CENTER FOR MOST CURRENT INFORMATION. DO NOT INDUCE VOMITTING, unless directed by medical personnel. Have victim rinse mouth with water if conscious. Never induce vomiting or give diluents (water or milk) to someone who is unconscious, having convulsions, or unable to swallow. If vomiting occurs, lean patient forward or place on left-side (head-down position if possible) to maintain an open airway and prevent aspiration.

Medical Conditions Aggravated by Exposure:

Pre-existing dermatitis and other skin conditions may be aggravated by prolonged overexposure to this material.

Section Five: Fire-Fighting Measures

Flash Point: Not flammable

Fire Extinguishing Materials:

Water Spray: YES (for cooling)
Foam: YES
Halon: YES

Carbon Dioxide: YES
Dry Chemical: YES
Other: Any "ABC" Class

Unusual Fire and Explosion Hazards: When involved in a fire, this material may decompose and produce irritating vapors and toxic gasses such as Carbon Oxides (CO, CO_2, NO_X).

Special Fire Fighting Procedures: Incipient fire responders should wear eye protection. Structural firefighters must wear Self-Contained Breathing Apparatus and full protective equipment. Due to the presence of colorants, the runoff water from these products can discolor contaminated objects. If possible, prevent runoff water from entering storm drains, bodies of water, or other environmentally sensitive areas. If necessary, rinse fire-response equipment with soapy water before returning it to service.

Section Six: Accidental Release Measures

Persons involved in the use of this item should provide sufficient ventilation and wear protective equipment to prevent the contamination of skin, eyes, and clothing.

For incidental spills (e.g., less than 1 L of liquid), wear rubber gloves, splash goggles, and appropriate body protection. Trained personnel following pre-planned procedures should handle **non-incidental releases** (e.g., 10 L of liquid leaking). In the event of a non-incidental spill, clear the area and protect people. The minimal personal protective equipment for response to a non-incidental spill is as follows: Rubber gloves, rubber boots, face shield, and Tyvek suit. The minimum level of personal protective equipment for releases in which the level of oxygen is less than 19.5% or is unknown must be **Level B: triple-gloves (rubber gloves and nitrile gloves over latex gloves), chemical resistant suit and boots, hard hat, and Self-Contained Breathing Apparatus.** Absorb spilled liquid with polypads or other suitable absorbent materials. Rinse area thoroughly with soapy water after liquid has dried. Decontaminate the area thoroughly. If necessary, discard all stained response equipment or rinse with soapy water before returning such equipment to service. Place all spill residue in an appropriate container and seal. Dispose of in accordance with applicable U.S. Federal, State and local procedures.

Section Seven: Handling and Storage

Work and Hygiene Practices: As with all chemicals, avoid getting this material on you or in you. Wash thoroughly after handling this material. Do not eat, drink smoke or apply cosmetics while handling this material. Avoid breathing vapors or mists generated by this material. Use in a well-ventilated location. Remove contaminated clothing immediately.

Storage and Handling Practices: All employees who handle this material should be trained to handle it safely. Store product in a cool, dry location, away from direct sunlight, sources of intense heat, or where freezing is possible. Minimize dust generation and accumulation.

Section Eight: Exposure Controls/Personal Protection

Ventilation and Engineering Controls: Use with adequate ventilation to ensure exposure levels are maintained below the limits provided in this section. Use local exhaust ventilation. Normal office ventilation conforming to the American Society of Heating, Refrigerating, and Air Conditioning Engineers (ASHRAE) Standards is adequate under normal circumstances of use. Persons using this material should consult a qualified Ventilation Engineer and/or Industrial Hygienist if concerns about exposure arise. As with all chemicals, ensure proper decontamination equipment (e.g., eyewash/safety shower stations) is available near areas where this material is used as necessary.

Respiratory Protection: Respiratory protection is not generally needed when using this product. In instances where inhalable mists or sprays of product may be generated, and respiratory protection is necessary, use only respiratory protection authorized in the U.S. Federal OSHA Respiratory Standard (29 CFR 1910.134), or equivalent U.S. State standards. Oxygen levels below 19.5% are considered IDLH by OSHA. In such atmospheres, use of a full face piece pressure/demand SCBA or a full face piece, SAR with auxiliary self-contained air supply is required under OSHA's Respiratory Protection Standard (1910.134-1998).

Eye Protection: Depending on the use of this product, splash goggles or safety goggles may be worn. Use goggles or safety glasses for spill response, as stated in Section 6 (Accidental Release Measures) of this MSDS. If necessary, refer to U.S. PSHA 29 CFR 1910.133 for further information.

Hand Protection: Wear butyl rubber, neoprene, or nitrile rubber or latex gloves for routine use. If necessary, refer to U.S. OSHA 29 CFR 1910.138 for further information.

Body Protection: Use body protection appropriate for task, such as a lab coat.

Section Nine: Physical and Chemical Properties

Appearance, Odor and Color:	This product is a black aqueous liquid ink with a slight odor.
Odor Threshold:	Not established
pH:	6.5
Boiling Point:	90 C
Melting/Freezing Point:	Not determined.
Decomposition Temperature:	No information available
Flash Point:	94 C
Flammability Limits:	Low: Not applicable Upper: Not applicable
Auto-ignition Temperature:	Product is not self-igniting.
Flammability:	None
Explosive Properties:	None
Oxidizing Properties:	None
Vapor Pressure (mm Hg):	17 (23 hPa) @ 20 C
Vapor Density (Air = 1):	Not determined
Density/Specific Gravity:	1.07 g/cm3
Solubility in /Miscibility with Water:	Fully miscible
Partition Coefficient (n-Octanol/Water):	Not determined
Percent Volatile:	No information available
Evaporation Rate:	No information available
Viscosity:	400 mPas

Section Ten: Stability and Reactivity

Stability: Stable under conditions of normal temperature and pressure.

Decomposition Products: If exposed to extremely high temperature, this product can decompose to generate carbon oxides.

Materials with Which Substance is Incompatible: Strong oxidizers, water-reactive materials.

Hazardous Polymerization: Will not occur.

Conditions to Avoid: Exposure to or contact with extreme temperatures, dust, and incompatible chemicals.

Hazardous Decomposition: Under extreme heat and fire, this product may produce irritating vapors and toxic gasses such as Carbon Oxides (CO, CO2, NOX) as referenced in Section *5*: *Fire-Fighting Measures*.

Section Eleven: Toxicological Information

Acute Toxicity Data: Inhalation – no information available

Ingestion -

LD/LC50 values that are relevant for classification:		
4129-84-4 C.I. Acid Violet 17		
Oral	LD50	5005 mg/kg (rat)

Skin – no irritating effect

Eye – no irritating effect

Suspected Cancer Agent: The components of this product listed in Section 3 (*Composition and Information on Ingredients*) by CAS # are not found to be a potential carcinogen in the International Agency for Research on Cancer (IARC) Monographs or found to be a potential carcinogen by OSHA.

Sensitization to the Product: This product is not currently known to be a sensitizer with prolonged or repeated use.

Irritancy of Product: Acute exposure to this material via skin contact, eye contact, and inhalation may mildly irritate contaminated tissue.

Section Twelve: Ecological Information

All work practices must be aimed at eliminating environmental contamination.

Environmental Stability: This product is relatively stable under ambient environmental conditions.

Effect of Material on Plants or Animals: This product may be harmful to plant or animal life, especially if large volumes of this product are released. Plants may be discolored or damaged (depending on the severity of the contamination).

Effect of Chemical on Aquatic Life: This product may be harmful to aquatic plant or animal life, especially if large volumes of this product are released into a body of water.

General Notes: Water Hazard Class 2 (self-assessment): hazardous for water

Section Thirteen: Disposal Considerations

Preparing Wastes for Disposal: Waste disposal must be in accordance with appropriate U.S. Federal, State, and local regulations. This material, if unaltered by use, may be disposed of by treatment at a permitted facility or as advised by your local hazardous waste regulatory authority.

Do not discharge this material into drains, surface waters, or ground water.

Section Fourteen: Transport Information

This product is not hazardous as defined by 49 CFR 172.101 by the U.S. Department of Transportation.

Proper Shipping Name:	Not Regulated
Hazard Class Number and Description:	Not applicable
UN Identification Number:	Not applicable
Packing Group:	Not applicable
DOT labels Required:	Not applicable
Emergency Response Guidebook Number:	Not applicable

International Air Transport Association Shipping Information (IATA): This product is NOT classified as dangerous goods.

International Maritime Organization Shipping Information (IMO): This product is NOT classified as dangerous goods.

Section Fifteen: Regulatory Information

Not determined

Section Sixteen: Other Information

PREPARED BY: FARO INTERNATIONAL, INC.
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Costa Mesa, CA 92626
(714) 432-8780

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HMIS Code	
Health	N/A
Flammability	N/A
Reactivity	N/A
Personal Protection	N/A

0 = Minimal / 4 = Severe Hazard

The OSHA Hazard Communication Standard does not apply to the product described in this MSDS. The reason for the exemption is contained in 29 CFR 1910.1200 (b)(6)(ix), as amended July 1, 1994, per the Code of Federal Regulations. The information contained in this MSDS is forwarded to you for your information, but is not meant to imply that the product is covered by the Hazard Communication Standard, nor is the MSDS meant to comply with all the requirements of the Hazard Communication Standard.

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