

83772-1002

**MATERIAL SAFETY DATA SHEET
(WATER COLOR INK)**

SECTION 1 PRODUCT AND COMPANY IDENTIFICATION

Product name: Water Color Ink
 CAS No.: Variable
 Company Name: Wenzhou Fulong Stationery Factory
 Address: No.565 Shiluwudao,Binhai,Wenzhou,China.
 Tel: 0086-0577-86388982
 Fax:0086-0577-86767828

SECTION 2 COMPOSITION / INFORMATION ON INGREDIENTS

Color	Ingredient	Cas No.	%By Weight
Light Green	brilliant blue	3844-45-9	0.6
	Sunset Yellow	2783-94-0	0.8
	FCF		
	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	88.5
Green	Sunset Yellow	2783-94-0	0.8
	FCF		
	brilliant blue	3844-45-9	1.4
Dk. Green	Pigment black 168	85631-88-5	0.2
	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	87.5
Orange	Sunset Yellow	2783-94-0	1
	FCF		
	Carmine	1390-65-4	0.2
	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	88.7
Yellow	Sunset Yellow	2783-94-0	1.6
	FCF		
	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	88.3
Brown	Sunset Yellow	2783-94-0	0.6
	FCF		
	Carmine	1390-65-4	1
	Pigment black 168	85631-88-5	0.5
	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	87.8
Purple	Carmine	1390-65-4	2.5
	brilliant blue	3844-45-9	1

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	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	86.4
Red	Carmine	1390-65-4	3.2
	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	86.7
Light blue	brilliant blue	3844-45-9	0.4
	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	89.5
blue	brilliant blue	3844-45-9	0.6
	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	89.3
pink	Carmine	1390-65-4	0.7
	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	89.2
Light Purple	Carmine	1390-65-4	3
	brilliant blue	3844-45-9	0.6
	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	86.3
Black	Sunset Yellow FCF	2783-94-0	1.8
	brilliant blue	3844-45-9	1.7
	Red	16423-68-0	1.7
	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	84.7
Skin	Sunset Yellow FCF	2783-94-0	0.5
	Carmine	1390-65-4	0.02
	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	89.38
Magnesia	Allura Red AC	25956-17-6	0.8
	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	89.1
Grey	Pigment black168	85631-88-5	0.8
	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	89.1
Claret red	Allura Red AC	25956-17-6	0.5

	Carmines	1390-65-4	1.50
	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	87.9
Red orange	Carmines	1390-65-4	1
	Sunset Yellow FCF	2783-94-0	1
	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	87.9
Violet	Carmines	1390-65-4	2.8
	brilliant blue	3844-45-9	0.5
	glycerin	56-81-5	10
	Sodium Benzoate	532-32-1	0.1
	H2O	7732-18-5	86.6

SECTION 3 HAZARD IDENTIFICATION

Effects of a single overexposure:

Swallowing:

No evidence of harmful effects from available information.

Skin absorption:

No evidence of harmful effects from available information.

Inhalation:

Trace component and residual monomer vapours may be irritating to the eyes, mucous membrane, respiratory tract, and may produce symptoms of headache, nausea in poorly ventilated areas.

Skin contact:

Prolonged contact may cause transient reddening of the skin.

Eye contact:

Direct contact may cause eye irritation.

Effects of repeated overexposure:

No evidence of harmful effects from available information.

Medical conditions aggravated by overexposure:

A knowledge of the available toxicology information and of the physical and chemical properties of the matter suggests that overexposure is unlikely to aggravate existing medical conditions.

Other effects of overexposure:

No evidence of harmful effects from available information.

SECTION 4 FIRST AID MEASURES

Swallowing: No harmful effects expected.

Inhalation: No emergency care anticipated.

Skin contact: Wash skin with soap and water until water is no longer cloudy. If clothing is soaked,

remove and wash before resure.

Eye contact: Immediately flush eyes with plenty of water. Get medical attention if irritation persists.

Notes to physician:

Toxicology studies have shown this or similar material to be of very low acute toxicity. There is no specific antidote. Treatment of overexposure should be directed at the control of symptoms and the clinical condition of the patients.

SECTION 5 FIRE FIGHTING MEASURES

Extinguishing Media:

This product is a non-flammable aqueous emulsion. Use alcohol-type or all-purpose-type foams applied by manufacturer's recommended techniques for large fires. Use carbon dioxide or dry chemical media for small fires.

Special Fire Fighting Procedures: None.

Special Protective Equipment for Firefighters:

Use self-contained breathing apparatus when fighting fires in enclosed areas

Unusual Fire and Explosion Hazards:

Product will not burn but may spatter if temperature exceeds boiling point of water. Dried solids can burn giving off oxides of carbon

SECTION 6 ACCIDENTAL RELEASE MEASURES

Steps to be taken if material is released or spilled. Restrict the area to only those personnel needed. Major spills should be collected for disposals. Minor spills may be flushed to sewer if permitted by national, state and local regulations.

SECTION 7 STORAGE AND HANDLING

Storage Temperature: $\leq 50^{\circ}\text{C}$

Shelf Life: one year

Special Sensitivity: No available information

Handling and Storage:

Use under ventilated conditions. For personal protection, wash thoroughly after handling product. Wash hands before eating, smoking or using toilet facilities.

Precautions:

Avoid eye and skin contact. Keep container closed when not being used.

SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

Exposure Limits: None known.

Eye Protection: Wear splash goggles where spill or splashing may occur.

Skin Protection: Not required.

Respiratory and Ventilation:

Wear approved NIOSH respirator if exposure to mist or vapors exceeds applicable PEL/TLV

limits. Use in accordance with manufacturer's use limitations and OSHA regulations.

SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical Form: liquid	Color: Variable
Odor: None	Flash Point: None
Boiling Point: 100°C	Melting Point: - 20°C
Freezing Point: Not Applicable	PH: 6.0 - 9.0
Solubility in Water: 100%	Specific Gravity: 1.03
Bulk Density: 1.03	Volatile by Weight: 80%
Vapour Pressure: 4mmHG	Vapour Density: 0.001

SECTION 10 STABILITY AND REACTIVITY

STABILITY: Stable at ambient temperature and under normal conditions of use

MATERIALS TO AVOID: Strong oxidizing agents

CONDITIONS TO AVOID: May explode or ignite on heating.

INCOMPATIBILITY: No available information

HAZARDOUS DECOMPOSITION PRODUCTS:

On combustion or on thermal decomposition (pyrolysis) releases: Carbon oxides (CO, CO₂)

SECTION 11 TOXICOLOGICAL INFORMATION

Health Effects: No available information

Inhalation: No available information

Skin Contact: No available information

Eye Contact: No available information

Ingestion: No available information

Further information: Above information is for the ink. The ink will be contained in the fibrous reservoir of a small capacity marker which will limit considerably the exposure possibilities for the user.

SECTION 12 ECOLOGICAL INFORMATION

NO ECOLOGICAL ISSUES LIKELY.

SECTION 13 DISPOSAL CONSIDERATION

Waste Disposal Method:

Dispose of all waste materials in accordance with all applicable federal, state and local regulations for the disposal of aqueous wastes. Do not flush liquid into public sewer or water systems.

NOTE: The user's attention is drawn to the possible existence of national or local regulations regarding disposal

SECTION 14 TRANSPORT INFORMATION

DOT Proper shipping name:

DOT Technical name: Not regulated.

OCEAN (IMDG): Not regulated.

AIR (IATA): Not regulated.

WHMIS (CANADA): Not regulated.

NOTE: The above regulatory prescriptions are those valid on the date of publication of this sheet. it would be advisable to check their validity with your commercial agency

SECTION 15 REGULATORY INFORMATION**OSHA Status:** Not applicable**TSCA Status:** Not applicable**CERCLA Reportable Quantity:** Not applicable**SARA Title III:** Not applicable**Section 302 Extremely Hazardous Substances:** Not applicable**Section 311/312 Hazard Categories:** Not applicable**Section 313 Toxic Chemicals:** Not applicable**RCRA Status:** Not applicable**State Regulatory Information:** Not applicable**SECTION 16 OTHER INFORMATION**

Please consult the relevant product and/or application information for this product.

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Version: