

# INK FOR WATER COLOR PEN

## Material Safety Data Sheet

### CHAPTER I PRODUCT AND COMPANY IDENTIFICATION

Date: Nov. 25<sup>th</sup>, 2021  
 Product name : Water Color pen CAS No.: Mixture  
 Company Name: Miaodian Stationery (Ningbo) Co., Ltd  
 Address: No.11, Weier Road, Fanshi Industrial Park, Longshan Town, Cixi City, Zhejiang Province  
 Tel: 0086-0574- 63672861 Fax: 0086-0574-63672862  
 Emergency Information: Leo, Tel: 0086- 0574-63672371

### CHAPTER 2 COMPOSITION / INFORMATION ON INGREDIENTS

Ingredient	CAS No.	Conc.[% ]	EU classification
<b>Yellow</b>			
Acid Yellow 17	6359-98-4	1.6667	
glycerol	56-81-5	20.00	
Methylchloroisothiazolinone	26172-55-4	0.0005	
Methylisothiazolinone	2682-20-4	0.0005	
Emulsifier TX-10	9002-93-1	0.10	
water	7732-18-5	78.2323	
<b>Red</b>			
Acid Red 1	3734-67-6	1.00	
glycerol	56-81-5	20.00	
Methylchloroisothiazolinone	26172-55-4	0.0005	
Methylisothiazolinone	2682-20-4	0.0005	
Emulsifier TX-10	9002-93-1	0.10	
water	7732-18-5	78.8990	
<b>Blue</b>			
Acid Blue 7	3486-30-4	2.50	
glycerol	56-81-5	20.00	
Methylchloroisothiazolinone	26172-55-4	0.0005	
Methylisothiazolinone	2682-20-4	0.0005	
Emulsifier TX-10	9002-93-1	0.10	
water	7732-18-5	77.3990	
<b>purple</b>			
Acid red 52	3520-42-1	1.00	
glycerol	56-81-5	20.00	
Methylchloroisothiazolinone	26172-55-4	0.0005	
Methylisothiazolinone	2682-20-4	0.0005	
Emulsifier TX-10	9002-93-1	0.10	
water	7732-18-5	78.8990	

# INK FOR WATER COLOR PEN

## Material Safety Data Sheet

<b>Pink</b>			
Acid Red 1	3734-67-6	1.6777	
Acid red 52	3520-42-1	0.8333	
glycerol	56-81-5	20.00	
Methylchloroisothiazolinone	26172-55-4	0.0005	
Methylisothiazolinone	2682-20-4	0.0005	
Emulsifier TX-10	9002-93-1	0.10	
water	7732-18-5	77.3880	
<b>Green</b>			
Acid Yellow 17	6359-98-4	1.50	
Acid Blue 7	3486-30-4	1.00	
glycerol	56-81-5	20.00	
Methylchloroisothiazolinone	26172-55-4	0.0005	
Methylisothiazolinone	2682-20-4	0.0005	
Emulsifier TX-10	9002-93-1	0.10	
water	7732-18-5	77.3990	
<b>Orange</b>			
Acid Red 1	3734-67-6	1.00	
Acid Yellow 17	6359-98-4	1.00	
glycerol	56-81-5	20.00	
Methylchloroisothiazolinone	26172-55-4	0.0005	
Methylisothiazolinone	2682-20-4	0.0005	
Emulsifier TX-10	9002-93-1	0.10	
water	7732-18-5	77.8990	
<b>Black</b>			
Acid Red 1	3734-67-6	2.00	
Acid Yellow 17	6359-98-4	2.00	
Acid Blue 7	3486-30-4	2.50	
glycerol	56-81-5	20.00	
Methylchloroisothiazolinone	26172-55-4	0.0005	
Methylisothiazolinone	2682-20-4	0.0005	
Emulsifier TX-10	9002-93-1	0.10	
water	7732-18-5	73.3990	

### CHAPTER 3 HAZARD IDENTIFICATION

**Effects of a single overexposure:**

**Hazard Description :** Not Applicable.

**Swallowing:**

No evidence of harmful effects from available information.

# INK FOR WATER COLOR PEN

## Material Safety Data Sheet

**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 product 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.

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### CHAPTER 4 FIRST AID MEASURES

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**Swallowing:** No harmful effects expected.  
Rinse mouth thoroughly. Do not induce vomiting without advice from poison control center or medical professional. Get medical attention if you feel unwell.

**Inhalation:** No emergency care anticipated.  
Remove to fresh air and keep at rest in a position comfortable for breathing.  
Get medical attention.  
If breathing is affected. If breathing is difficult, supply oxygen.

**Skin contact:** Wash skin with soap and water until water is no longer cloudy.  
If clothing is soaked, remove and wash before reuse.

**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.

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### CHAPTER 5 FIRE FIGHTING MEASURES

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**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.

# INK FOR WATER COLOR PEN

## Material Safety Data Sheet

**Special Fire Fighting Procedures:** None.

*NFPA ratings (scale 0 - 4)*



*HMIS-ratings (scale 0 - 4)*



**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

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## CHAPTER 6 ACCIDENTAL RELEASE MEASURES

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**Personal precautions, protective equipment and emergency procedures:**

**General measures** : Evacuate area. Keep upwind. Ventilate area.  
Spill should be handled by trained clean-up crews properly equipped with respiratory equipment and full chemical protective gear.

**For non-emergency personnel**

**Protective equipment** : Wear protective equipment as described in Section 8.

**Emergency procedures** : Evacuate unnecessary personnel.

**For emergency responders**

**Protective equipment** : Wear suitable protective clothing, gloves and eye or face protection.  
For further information refer to section "Exposure controls/ personal protection".

**Environmental precautions** : Prevent entry to sewers and public waters.  
Notify authorities if liquid enter sewers or public waters.  
Avoid release to the environment.  
Do not allow product to reach sewage system or any water course .  
Inform respective authorities in case of seepage into water

# INK FOR WATER COLOR PEN

## Material Safety Data Sheet

Course or sewage system.

Do not allow to enter sewers / surface or ground water.

### Methods and material for containment and cleaning up

**For containment** : Contain any spills with dikes or absorbents to prevent migration and entry into sewers or streams.

**Methods for cleaning up** : Soak up spills inert solids, such as clay or diatomaceous earth As soon as possible. Place in a suitable container for disposal in accordance with the waste regulation.

Absorb with liquid-binding material( Sand , diatomite, CID binders, universal binders, sawdust ).

Ensure adequate ventilation.


Do not flush with water or aqueous cleansing agents.

**Reference to other sections** : No additional information available.

## CHAPTER 7 STORAGE AND HANDLING



<b>Storage Conditions :</b>	Store in a cool and dry location. Keep away from the heat and direct sunlight. Store away from flammable substances. Keep container tightly sealed. No more than fifty Temperature
<b>Shelf Life:</b> One Year	<b>Special Sensitivity:</b>
<b>Handling and Storage:</b>	Use under ventilated conditions. For personal protection, wash thoroughly after handling product. Wash hands before eating, smoking or using toilet facilities.
<b>Precautions:</b>	Avoid eye and skin contact. Keep container closed when not being used.

## CHAPTER 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

<b>Exposure Limits:</b> Not Available.

<b>Eye Protection:</b> Wear splash goggles where spill or splashing may occur.

# INK FOR WATER COLOR PEN

## Material Safety Data Sheet

<b>Hand Protection:</b> Use gloves chemically resistant to this material.	
<b>Skin and Body Protection:</b> Wear long sleeves, and chemically impervious	
PPE/coveralls to minimize bodily exposure.	
<b>Respiratory and Ventilation:</b> 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.	

### CHAPTER 9 PHYSICAL AND CHEMICAL PROPERTIES

<b>Physical Form:</b> Liquid	<b>Color:</b> Mixture Color
<b>Odor:</b> Odorless	<b>Boiling Point:</b> 100°C
<b>Melting Point:</b> Not Available	<b>Freezing Point:</b> Not Available
<b>Flashing Point:</b> Not Available	<b>Flammability :</b> Not Available
<b>Ignition Temperature :</b> Not Available	<b>Auto Igniting:</b> Product is not self-igniting.
<b>Danger of Explosion :</b> Product does not present an explosion hazard.	
<b>Explosion Limits :</b> Lower : Not Available Upper : Not Available Oxidizing Property: Not Available	
<b>PH Value:</b> 6-8	<b>Solubility in Water:</b> 100
<b>Specific Gravity:</b> 1.03	<b>Bulk Density:</b> 1.03
<b>% Volatile by Weight:</b> 80	<b>Vapour Pressure:</b> 4mmHG
<b>Vapour Density:</b> 0.001	

### CHAPTER 10 STABILITY AND REACTIVITY

<b>STABILITY:</b>	N.D. If any, see medical advice.
<b>CONDITIONS TO AVOID:</b>	N.D. If any, see medical advice.
<b>INCOMPATIBILITY:</b>	N.D. If any, see medical advice.
<b>HAZARDOUS POLYMERIZATION:</b>	N.D. If any, see medical advice.
<b>DECOMPOSITION PRODUCTS:</b>	N.D. If any, see medical advice.

# INK FOR WATER COLOR PEN

## Material Safety Data Sheet

### CHAPTER 11 TOXICOLOGICAL INFORMATION

<b>Health Effects:</b>	N.D. If any, see medical advice.
<b>Inhalation:</b>	N.D. If any, see medical advice.
<b>Skin Contact:</b>	N.D. If any, see medical advice.
<b>Eye Contact:</b>	N.D. If any, see medical advice.
<b>Ingestion:</b>	N.D. If any, see medical advice.

### CHAPTER 12 ECOLOGICAL INFORMATION

<b>Toxicity - Ecology - General</b>	: Not Available
<b>Persistence and Degradability</b>	: Not Available
<b>Bioaccumulative Potential</b>	: Not Available
<b>Mobility in Soil</b>	: Not Available
<b>Water Hazard Class I ( Self- assessment )</b>	: Slightly Hazardous for Water.
Do not allow the product to reach ground water, water source or sewage system.	

### CHAPTER 13 DISPOSAL CONSIDERATION

<b>Waste Disposal Method:</b>	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.
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### CHAPTER 14 TRANSPORT INFORMATION

<b>In Accordance with DOT:</b>	Not Hazardous for transport
<b>Land Transport ADR/RID ( Cross-border )</b>	
<b>ADR/RID Class</b>	: Not Applicable
<b>Danger Code ( Kemler )</b>	: Not Applicable
<b>UN-Nuber</b>	: Not Applicable
<b>Hazard Label</b>	: Not Applicable
<b>Description of Goods</b>	: Not Applicable
<b>Limited Quantity ( LQ )</b>	: Not Applicable

# INK FOR WATER COLOR PEN

## Material Safety Data Sheet

<b>Transport Category</b>	: Not Applicable
<b>Tunnel Restriction code</b>	: Not Applicable
<b>Marine Transport IMDG :</b>	
<b>IMDG Class</b>	: Not Applicable
<b>UN number</b>	: Not Applicable
<b>Label</b>	: Not Applicable
<b>Packaging Group</b>	: Not Applicable
<b>EMS Number</b>	: Not Applicable
<b>Marine Pollutant</b>	: Not Applicable
<b>Air Transport ICAO-TI and IATA-DGR :</b>	
<b>ICO/IATA Class</b>	: Not Applicable
<b>UN /ID number</b>	: Not Applicable
<b>Label</b>	: Not Applicable
<b>Packaging Group</b>	: Not Applicable
<b>Proper shipping name</b>	: Not Applicable

### CHAPTER 15 REGULATORY INFORMATION

<b>OSHA Status:</b> Not applicable
<b>TSCA Status:</b> Not applicable
<b>CERCLA Reportable Quantity:</b> Not applicable
<b>SARA Title III:</b> Not applicable
<b>Section 302 Extremely Hazardous Substances:</b> Not applicable
<b>Section 311/312 Hazard Categories:</b> Not applicable
<b>Section 313 Toxic Chemicals:</b> Not applicable
<b>RCRA Status:</b> Not applicable
<b>State Regulatory Information:</b> Not applicable

#### Carcinogenic categories

**EPA ( Environmental Protection Agency )**

None of the ingredients is listed.

**IARC ( International Agency for Research on Cancer )**

None of the ingredients is listed expect for 9002-89- 5 / PVA at 3 .

**NTP ( National Toxicology Program )**

None of the ingredients is listed.

**TLV ( Threshold Limit Value established by ACGIH)**

None of the ingredients is listed.

**NIOSH-Ca ( National Institute for Occupational Safety and Health )**

None of the ingredients is listed.

**OSHA-Ca ( Occupational Safety & Health Administration )**

None of the ingredients is listed.

**Product related hazard in information:**

Product has not been classified & marked in accordance respective national laws.

**Safety phrases:**

Keep container in a well-ventilated place.

Don't empty into drains, dispose of this material and its container at hazardous or



# **INK FOR WATER COLOR PEN**

## **Material Safety Data Sheet**

special waste collection point.

If swallowed, seek medical advice immediately and show this container or label.

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### **CHAPTER 16 OTHER INFORMATION**

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only.

For this and other reasons, we do not assume responsibility and expressly disclaim liability for loss, damage or expense arising out of or in any way connected with the handling, storage, use or disposal of the product.

This SDS shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

This SDS was prepared and is to be used only for this product.

**END OF DOCUMENT**

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