

Material Safety Data Sheet

Information Sheet

Revision 2.0

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Revision Date : Aug.16.2021

I. PRODUCT AND COMPANY IDENTIFICATION

Product name: WATER BASED DYE INK
MANUFACTURER: SHANGHAI NNW NEW MATERIALS TECHNOLOGY CO.,LTD
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II. COMPOSITION/INFORMATION ON INGREDIENTS

Ingredient	CAS No.	%[weight]
Glycerol	56-81-5	10 - 15%
Acid Black 2	8005-03-6	5 - 8 %
Sodium benzoate	532-32-1	0 - 0.1 %
Water	7732-18-5	75 - 80 %

III. HAZARDS IDENTIFICATION

NFPA ratings (scale 0 - 4)



HMIS-ratings (scale 0 - 4)



Effects of a single overexposure:

Hazard Description : Not Applicable.

Swallowing:

No evidence of harmful effects from available information.

Skin absorption:

No evidence of harmful effects from available information.

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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 aggravates 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.

IV. FIRST AID MEASURES

EMERGENCY AND FIRST AID PROCEDURES

SWALLOWED: Do **NOT** induce vomiting. Call a doctor and contact local poison control center immediately.

EYE CONTACT: Flush eyes thoroughly with water. Seek medical attention if irritation persists.

SKIN CONTACT: Wash contaminated areas with soap and water.

INHALATION: Remove victim to fresh air.

V. FIRE FIGHTING MEASURES

Extinguishing media:

There is no restriction on the type of extinguisher which may be used. Use extinguishing media suitable for surrounding area.

Advice for firefighters:

Alert Fire Brigade and tell them location and nature of hazard.

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Wear breathing apparatus plus protective gloves in the event of a fire.
Prevent, by any means available, spillage from entering drains or water courses.
Use fire fighting procedures suitable for surrounding area.

VI. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED

Soak up on paper or other absorbent and scoop into closed containers.
Flush area with plenty of water. Prevent run-off from entering drains or sewers.

VII. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING

Storage temperature: Standard room temperature (68 F or 20 C).
Special sensitivity: Heat, light, moisture.
Precautions: Keep container closed. Store away from traffic.

OTHER PRECAUTIONS

None.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: NONE REQUIRED

VENTILATION: MECHANICAL VENTULATION IS ACCEPTABLE

PROTECTIVE GLOVES: CHEMICAL RESISTANT

EYE PROTECTION: GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: IMPERVIOUS CLOTHING WHERE SKIN CONTACT IS UNAVOIDABLE; EYEWASH STATION

WORK/HYGIENIC PRACTICES: AVOID CONTAMINATION OF FOOD, DRINK, ETC.
WASH THOROUGHLY AFTER HANDLING PRODUCTS.

IX. PHYSICAL AND CHEMICAL PROPERTIES

BOILING POINT: 212 F OR 100 C

SPECIFIC GRAVITY (H₂O=1): ~ 1

VAPOR PRESSURE (mm of Hg): NOT ESTABLISHED

VAPOR DENSITY (AIR = 1): > 1

EVAPORATION RATE (BUTYL ACETATE=1): ND

MATERIAL VOC: NOT MEASURED

PHYSICAL STATE: VISCOUS LIQUID

ODOR: MILD

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SOLUBILITY IN WATER: COMPLETE

X. REACTIVITY

STABILITY: STABLE

CONDITIONS TO AVOID: NONE KNOWN

INCOMPATIBILITY (MATERIALS TO AVOID): STRONG OXIDIZERS

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: NONE KNOWN

HAZARDOUS POLYMERIZATION: WILL NOT ACCUR

AVOID: NONE

XI. TOXICOLOGICAL INFORMATION

No information available for product.

XII. ECOLOGICAL INFORMATION

No information available for product.

XIII. DISPOSAL CONSIDERATIONS

WASTE SHALL BE DISPOSED OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL CONTROL REGULATIONS.

XIV. TRANSPORTATION INFORMATION

D.O.T. SHIPPING NAME: NOT REGULATED

XV. PRODUCT 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

Carcinogenic categories

EPA (Environmental Protection Agency)

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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 special waste collection point.

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

XVI. OTHER INFORMATION

DISCLAIMER OF LIABILITY The information in this SDS was obtained from sources which we believe are reliable. However, the information is provided without any warranty, express or implied, regarding its correctness. The conditions or methods of handling, storage, use or disposal of the product are beyond our control and may be beyond our knowledge. 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 was prepared and is to be used only for this product. If the product is used as a component in another product, this SDS information may not be applicable.

END OF MSDS