

Safety Data Sheet

1. PRODUCT AND COMPANY IDENTIFICATION

Product Name: White 301W-10-4
General Use: May be used for printing on textile
Product Description: Water based textile printing ink
SDS Number: US-044

MANUFACTURER

Company Name: Matsui International Co., Inc.
Address: 1501 West 178th Street, Gardena, CA 90248, USA
Telephone No.: (310) 767-7812

EMERGENCY TELEPHONE NUMBER: (310) 767-7812

2. HAZARDS IDENTIFICATION

CLASSIFICATION

Health hazard:

Serious eye damage/eye irritation: Category 2B
Reproductive toxicity: Category 2
Specific target organ toxicity repeated exposure:
Category1(kidney, liver)

Physical hazard: Not classified.

Signal word: Danger.

Hazard statement :

Causes eye irritation.

Suspected of damaging fertility or the unborn child.

Causes damage to organs < kidney, liver > through prolonged or repeated exposure. Symbol:



Precautionary statements:

Prevention:

Obtain special instructions before use and do not handle until all safety precautions have been read and understood.

Do not breathe fume/gas/mist/vapors/spray.

Wash thoroughly after handling.

Do not eat, drink or smoke when using this product.

Use personal protective equipment as required.

Response:

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists, get medical advice/attention.

If exposed or concerned: Get medical advice/attention.

Get medical advice/attention if you feel unwell.

Storage:

Store locked up.

Disposal:

Dispose of contents/container in accordance with local/regional/national/international regulation.

Other Hazards:

May cause long-term adverse effects in the aquatic environment.

3. COMPOSITION/INFORMATION ON INGREDIENTS

No	Component(s)	CAS #	Approx. %
A	Acrylic Resin	Trade secret	20-30
	Titanium oxide	13463-67-7	34
B	Non-hazardous and other ingredients below reportable levels		Balance

4. FIRST AID MEASURES

INHALATION:

If inhale a large quantity, remove to fresh air and lie quiet. Seek medical attention as needed

EYE: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do.

Continue rinsing. If eye irritation persists, get medical advice/attention.

SKIN: Wash with mild soap and water.

INGESTION:

Rinse mouth thoroughly with water. Induce vomiting if possible. Seek medical attention as needed.

PROTECTION TO FIRST-AIDERS:

Wear personal protective clothing and equipment.

NOTE TO PHYSICIAN:

Treat symptomatically.

5. FIRE FIGHTING MEASURES

SUITABLE EXTINGUISHING MEDIA

Use water, water spray, sand, dry chemical, or CO₂ gas.

UNSUITABLE EXTINGUISHING MEDIA

Not available.

SPECIFIC HAZARDS ARISING FROM THE CHEMICAL

Not available.

SPECIAL PROTECTIVE EQUIPMENT AND PRECAUTIONS FOR FIRE-FIGHTERS

In case of fire, wear respirator.

6. ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear suitable personal protective equipment as needed.

METHODS AND MATERIALS FOR CONTAINMENT AND CLEANING UP

For small spill, absorb with dry sand, saw dust or rag, and collect into container for disposal. Wipe the remaining up with rag.

For large spill, dike with soil, blankets or sandbags to prevent from contaminating soil and collect into container with shovel or vacuum.

Avoid releasing spilled material into rivers and/or lakes, and drains. If material is released to public water, advice local authority.

PRECAUTIONS FOR SAFE HANDLING

7. HANDLING AND STORAGE

Protective Measures:

Wear suitable protective equipment and clothing as needed to prevent the material from contacting skin and eyes. Use only in well-ventilated area.

Advice on General Occupational Hygiene:

Wash thoroughly after handling. Do not eat, drink, or smoke during work.

CONDITIONS FOR SAFE STORAGE, INCLUDING ANY INCOMPATIBILITIES Technical

Measures Storage Conditions:

Store in a cool and dark place away from direct sunlight. Avoid freezing. Keep container tightly closed.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

EXPOSURE LIMIT VALUES

Titanium dioxide	ACGIH – TLV (TWA)	10 mg/m ³
	OSHA – PEL	15 mg/m ³ (Total dust)

EXPOSURE CONTROLS

Occupational Exposure Controls:

Local exhaust ventilation or general ventilation is necessary during indoor operation.

Personal Protection

Respiratory Protection:

Not necessary under normal handling condition.

Hand Protection:

Wear rubber or plastic gloves.

Eye Protection:

Wear safety glasses or goggles.

Skin Protection:

Wear long pants, long sleeves, and boots when applicable.

9. PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	white paste.
Odor:	Aliphatic odor.
pH:	7.5±0.5
Melting Point:	Not available.
Boiling Point:	Not available.
Flash Point:	Not available.
Evaporation rate:	Not available.
Flammability:	If this product is dry, it may be flammable.
Explosive Properties:	Not applicable.
Oxidizing Properties:	Not applicable.
Vapor Pressure:	Not available.
Relative density:	Approx. 1.38±
Solubility (Water):	Not available.
Partition Coefficient (n-octanol/water):	Not available.
Auto-Ignition Temperature:	Not available.
Decomposition Temperature:	Not available.
Viscosity:	60,000~75,000mPa·s

10. STABILITY AND REACTIVITY

REACTIVITY:	No specific reactivity under normal condition.
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CHEMICAL STABILITY: Stable under normal handling and using condition.
POSSIBILITY OF HAZARDOUS REACTION:
None.
CONDITIONS TO AVOID: None.
INCOMPATIBLE MATERIALS: None.
HAZARDOUS DECOMPOSITION PRODUCTS:
None.

11. TOXICOLOGICAL INFORMATION

Acute Toxicity: Not available.
Eye Irritation: Causes eye irritation.
Skin Irritation: Not available.
Sensitization: Not available.
Carcinogenicity: Not available.
Reproductive and Developmental Toxicity:
Suspected of damaging fertility or the unborn child.
Specific target organ toxicity repeated exposure:
Causes damage to organs < kidney, liver > through prolonged or repeated exposure.

12. ECOLOGICAL INFORMATION

ECOTOXICITY: May cause long-term adverse effects in the aquatic environment.
MOBILITY: Not available.
PERSISTENCE AND BIODEGRADABILITY:
Not available.
BIOACCUMULATIVE POTENTIAL: Not available.
OTHER ADVERSE EFFECTS: Not available.

13. DISPOSAL INFORMATION

Comply with all federal, state and local regulations.
Do not dump this product into sewers, on the ground or into any body of water.

14. TRANSPORT INFORMATION

US DEPARTMENT OF TRANSPORTATION (DOT)

Hazardous Materials: Not applicable.
Hazardous Materials Description and Proper Shipping Name:
Not applicable.
Hazard Class or Division: Not applicable.
Identification Number: Not applicable.
Packing Group: Not applicable.
Label(s) Required: Not applicable.

SEA TRANSPORT

IMDG

Class: Not applicable.
Packing Group (PG): Not applicable.
UN Number: Not applicable.
Proper Shipping Name: Not applicable.
Marine Pollutant: Not applicable.

AIR TRANSPORT

ICAO/IATA

Class: Not applicable.

Packing Group (PG): Not applicable.
UN Number: Not applicable.
Proper Shipping Name: Not applicable.

15. REGULATORY INFORMATION

OSHA STATUS:

This product is not considered to be hazardous under 29 CFR 1910.1200.

TSCA STATUS:

All components on TSCA INVENTORY.

CERCLA REPORTABLE QUANTITY (40 CFR 117, 302):

Not applicable.

SARA TITLE III

Section 302 (40 CFR 355) – Extremely hazardous substance:

Not applicable.

Section 311/312 (40 CFR 370) – Hazard categories:

Immediate (acute) health hazard	N
Delayed (chronic) health hazard	N
Fire hazard	N
Sudden release of pressure	N
Reactive	N

Section 313 (40 CFR 372) – Toxic chemical:

Not applicable.

CONEG – Typical Metals present in ppm:

Cadmium (Cd)	N
Hexavalent Chromium (Cr(VI))	N
Lead (Pb)	N
Mercury (Hg)	N

HMIS Ratings

Health:	1
Flammability:	0
Reactivity:	0
Protection:	C

(0 = Minimal, 1 = Slight, 2 = Moderate, 3 = Serious, 4 = Severe)

ENCS (Japan): Components listed.

California Proposition 65



This product can expose you to chemicals including acrylamide, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information, visit www.P65Warnings.ca.gov

Please refer to any other federal, state and local regulations.

For specific questions please call to Matsui International Co., Inc. USA 3107677812.

16. OTHER

ABBREVIATIONS

OSHA: The Occupational Safety and Health Administration
NTP: National Toxicology Program
IARC: International Agency for Research on Cancer
ACGIH: American Conference of Governmental Industrial Hygienists, Inc.
IMDG: International Maritime Dangerous Goods
ICAO: International Civil Aviation Organization
IATA: International Air Transport Association

TSCA: Toxic Substances Control Act

CERCLA: Comprehensive Environmental Response, Compensation and Liability Act of 1980

SARA: Superfund Amendments and Reauthorization Act of 1986

CONEG: the Coalition of Northeastern Governors

ENCS: Existing and New Chemical Substances

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