

Safety Data Sheets

1. Identification

Product Name : Textile Pigment ink TP400 Black
Order No. : TP400-K-2L
Ink Ver. : 1
General Use : Inkjet printing ink
Product Description : Pigment ink
SDS Number : 037-W441414
Manufacture
Company Name : Mimaki Engineering Co., Ltd.
Address : 2182-3 Shigeno-otsu, Tomi-shi, Nagano 389-0512 JAPAN
Telephone No. : +81-268-64-2413
Importer / Distributor Established in USA
Company Name : MIMAKI USA, INC.
Address : 150 Satellite Boulevard, suite A, Suwanee, Georgia 30024, U.S.A.
Telephone No. : +1-678-730-0170
Emergency Telephone No. : +81-268-64-2281

2. Hazards Identification

[HCS Classification]

Physical Hazards

Flammable Liquids : Not classified

Health Hazards

Not classified.

Environmental Hazards

Not classified.

[HCS Label Elements]

Symbol

None

Signal Word

None

Hazard Statements

None

Precautionary Statements

[Prevention]

None

[Response]

None

[Storage]

None

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[Disposal]
None

3. Composition / Information on Ingredients

No	Chemical Name	Wt%	CAS No.
1	Wetting agent	<50	Trade secret
2	Carbon black	<5	1333-86-4
3	Non-hazardous and other ingredients below reportable levels	Balance	N/A

4. First Aid Measures

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

Eye Contact : Immediately flush eyes with water for at least 15 minutes.
Seek medical attention as needed.

Skin Contact : 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

Flammable Properties : This product is not combustibile under normal conditions due to its aqueous property.

Extinguishing Media : Use water, dry chemical, foam, or CO2 gas.

Unsuitable Extinguishing Media : Not available.

Special Hazards Arising from the Chemical : Not available.

Special Protective Equipment and Precautions for Firefighters : In case of fire, wear respirator.

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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. IF material is released to public water, advice local authority.

7. Handling and Storage

Precautions for Safe Handling	: Protective Measures. Wear suitable protective equipment and clothing as needed to prevent the material from contacting skin and eye. Use only in a 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 Measure Storage Conditions. Store locked up in a well-ventilated, cool, and dark place away from direct sunlight. Avoid freezing. Keep container tightly closed.

8. Exposure Controls / Personal Protection

Exposure Limit Values

Chemical name	ACGIH-TLV(TWA)	OSHA-PEL
Wetting agent	10mg/m ³	15mg/m ³ (Total dust) 5mg/m ³ (Respirable fraction)
Carbon black	3.5mg/m ³	3.5mg/m ³

Exposure Controls

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Occupational Exposure Controls

Appropriate : Local exhaust ventilation or general ventilation is recommended
Engineering Controls during indoor operation.

Individual Protection Measures, such as Personal Protective Equipment

Respiratory Protection : Not necessary under normal handling condition.



Vapor
Respirator

Glove : Wear rubber or plastic gloves.

Recommendations



Gloves

Eye /Face : Wear safety glasses or goggles.

Protection



Safety
Glasses

Skin Protection : Wear long pants, long sleeves, and boots when applicable.



Protective
Apron

9. Physical and Chemical Properties

Appearance	- Physical State	: liquid
	- Color	: black
Odor		: Slight odor
pH		: 8.0 ±1.0
Boiling Point		: Approx. 100 degree C
Melting Point		: Approx. 0 degree C
Decomposition Temperature		: Not available
Flash Point		: Not available
Auto ignition temperature		: Not available
Flammability		: If this product is dry, it may be flammable.
Explosive Properties		: Not available

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Oxidizing Properties	: Not available
Vapor Pressure	: Not available
Relative Density	: 1.10 ±0.05
Solubility(water)	: Miscible
Partition Coefficient (n-octanol / Water)	: Not available
Viscosity	: Not available

10. Stability and Reactivity

Reactivity	: No specific reactivity under normal condition.
Chemical Stability	: Stable under normal handling and using condition.
Possibility of Hazardous	: None.
Reactions	
Conditions to Avoid	: None.
Incompatible Materials	: None.
Hazardous	: None.
Decomposition	

11. Toxicological Information

Acute Toxicity	: Not available
Eye Irritation	: Not available
Skin Irritation	: Not available
Sensitization	: Not available
Repeated Dose Toxicity	: Not available
Chronic Toxicity	: Not available
Mutagenicity	: Not available
Carcinogenicity	: Not applicable

12. Ecological Information

Handling is noted because it might influence the environment when leaking and abandoning it. Especially, note that the product doesn't flow directly to ground, the river, and the drain ditch.

Ecotoxicity	: Not available
Persistence and	: Not available

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Biodegradability
Bioaccumulation : Not available
Potential
Other adverse effects : Not available

13. Disposal Considerations

Disposal Methods : Comply with all USA, national and local regulations.
Do not dump this product into sewers, on the ground or into any body of water.

14. Transport Information

Check a thing without a leak in a container.
Perform prevention of collapse of cargo surely.

US DOT Information

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

Sea Transport IMDG

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

Air Transport ICAO/IATA

Class : Not regulated
Packing Group(PG) : Not regulated
UN Number : Not regulated
Proper Shipping Name : Not regulated

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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 : Not applicable.

Reportable Quantity
(40 CFR 117,302)

SARA Title III

Section 302 : Not applicable.
(40 CFR 355)

Section 311/312 : Immediate(acute) health hazard ; N
(40 CFR 370) Delayed(chronic) health hazard ; N
Fire hazard ; N
Sudden release of pressure ; N
Reactive ; N

Section 313 : Not applicable.
(40 CFR 372)

California Proposition : **WARNING:**

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This product can expose you to chemicals including Benz[a]anthracene, Benzo[a]pyrene, Benzo[b]fluoranthene, Benzo[j]fluoranthene, Benzo[k]fluoranthene, Carbon black, Chrysene, Dibenz[a,h]anthracene, Naphthalene, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

CONEG-Typical Metals present in ppm : Cadmium(Cd) ; N
Hexavalent Chromium(Cr(VI)) ; N
Lead(Pb) ; N
Mercury(Hg) ; N

ENCS(Japan) : Components listed

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

16. Other Information

Abbreviations

OSHA : The Occupational Safety and Health Administration



Product Name: Textile Pigment ink TP400 Black

SDS No. 037-W441414

First issue: 2016/05/24

Revised: 2018/09/06

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NTP : National Toxicology Program

IARC : International Agency for Research on Cancer

ACHIH : American Conference of Governmental Industrial Hygienists, Inc

IMDG : International Maritime Dangerous Goods

ICAO : International Civil Aviation Organization

IATA : International Air Transport Association

TSCA : Toxic Substance Control Act

CERCLA : Comprehensive Environmental Response, Compensation and Liability Act 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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