



Product Name: Dye Sublimation Ink Sb52

Light Blue

MSDS No.031-34W137C

First issue: Oct 19, 2010

Revised: Aug 30, 2018

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Material Safety Data Sheets

CONSIDERED A HAZARDOUS SUBSTANCE ACCORDING TO OSHA 29 CFR 1910.1200.

1. Product and Company Identification

| | |
|---|---|
| Product Name | : Dye Sublimation Ink Sb52 Light Blue |
| Product Code | : SPC-0584LBL-2, SPC-585LBL-2 |
| General Use | : Ink jet printing ink |
| Product Description | : Sublimation Ink |
| MSDS Number | :031-34W137C |
| Manufacture | |
| Company Name | : Mimaki Engineering Co., Ltd |
| Address | : 2182-3 Otsu, Shigeno, 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. | : +81-268-64-2413 |

2. Hazards Identification

| | |
|---------------------------------|---|
| Emergency Overview | : May cause skin sensitization with allergic skin rashes. Avoid contact with eyes or clothing. In the case of skin contact, wash with soap and water. Keep out of reach of children. |
| Potential Health Effects | |
| Inhalation | : Intentional exposure to ink vapors may cause respiratory irritation. |
| Eye Contact | : Ink contact with eye may be mildly irritating. |
| Skin Contact | : Ink contact with skin may cause irritation, swelling, or redness. |
| Ingestion | : May cause upset stomach. |
| Carcinogens | : No ingredients are listed by OSHA, IARC, or NTP as known or suspected carcinogens. |
| Potential Environmental Effects | : Not available. |



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3. Composition / Information On Ingredients

| No | Chemical Name | Wt% | CAS No. | Chemical Formula |
|----|-------------------|--------------|--------------|--|
| 1 | Disperse dye | Trade Secret | Trade Secret | Trade Secret |
| 2 | Glycerols | Trade Secret | Trade Secret | Trade Secret |
| 3 | Organic materials | <5 | 1336-21-6 | NH ₄ OH |
| 4 | Triethanolamine | <5 | 102-71-6 | C ₆ H ₁₅ NO ₃ |
| 5 | Water | balance | 7732-18-5 | H ₂ O |

4. First Aid Measures

- Inhalation : If difficulties occur after vapour/aerosol has been inhaled, remove to fresh air and seek medical attention.
- Eye Contact : Wash affected eyes for at least 15 minutes under running water with eyelids held open.
- Skin Contact : Wash thoroughly with soap and water.
- Ingestion : Rinse mouth and then drink plenty of water.
- Protection To First-Aiders : Not available.

5. Fire Fighting Measures

- Flammable Properties : Not flammable.
- Extinguishing Media : water spray, dry extinguishing media, foam, carbon dioxide
- Fire Fighting : Wear full fire-fighting turn-out gear (full bunker gear) and respiratory protection (self-contained breathing apparatus).
- Instructions

6. Accidental Release Measures

- Personal Precautions : Wear appropriate personal protective equipment.
- Cleaning up Methods : Avoid release to the environment.
Absorb spillage with an inert material, then place in a chemical

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waste container for later safe disposal. Earth may be shoveled to contain spillage and to avoid contamination of sewers and water courses.

7. Handling And Storage

- Handling** : Do not breathe (dust, vapor, mist, gas).
Avoid contact with skin, eyes, or clothing.
Wash thoroughly after handling.
Destroy contaminated shoes in proper manner.
- Storage** : Keep container tightly closed and in a cool place.
Protect from temperatures below: 0 degree C.
Protect from temperatures above: 40 degree C.

8. Exposure Controls / Personal Protection

Exposure Limit Values

| No | Chemical Name | | TWA | STEL | Ceiling | Skin | SEN |
|----|-----------------|-----------|--------------------|------|---------|------|-----|
| 1 | Triethanolamine | ACGIH TLV | 5mg/m ³ | N.E | N.E | N.E | N.E |

Exposure Controls

Occupational Exposure Controls

Engineering Controls : It is better to place local exhaust equipment.

Personal Protection

Respiratory Protection : Wear respiratory protection if ventilation is inadequate. Breathing protection if breathable aerosols/dust are formed.



Hand Protection : Chemical resistant protective gloves.



Eye Protection : Tightly fitting safety goggles(chemical goggles).

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**Safety Glasses**

Skin Protection : To prevent ANY contact, wear impervious clothing such as gloves, apron, boots, or whole body suits made from neoprene, as appropriate.

**Protective Apron****Boots****Gloves****Full Suit**

Environmental Exposure Controls : Not available.

9. Physical And Chemical Properties

| | | |
|-------------------------------|------------------|-----------------------------|
| Appearance | - Physical state | : liquid |
| | - Colour | : Blue |
| Odour | | : product specific |
| pH | | : 7.0~9.5 |
| Boiling Point / Boiling Range | | : 100 degree C Water |
| Melting Point / Merging Range | | : Not available. |
| Flash Point | | : Not applicable. |
| Flammability(solid, gas) | | : Not available. |
| Specific Gravity | | : 1.00~1.20 |
| Solubility | | : Not available. |
| Water solubility | | : complete |
| Viscosity | | : 3.0~5.0mPa.s(20 degree C) |

10. Stability And Reactivity

| | |
|--|--|
| Conditions To Avoid | : High and freezing temperatures. |
| Stability | : Stable |
| Materials To Avoid | : Not available. |
| Hazardous Reactions/ Decomposition Products | : No hazardous decomposition products if stored and handled as prescribed/indicated. |



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11. Toxicological Information

| | |
|-----------------|------------------------------|
| Acute Toxicity | : Not available. |
| Eye Irritation | : May cause eye irritation. |
| Skin Irritation | : May cause skin irritation. |
| Sensitization | : Not available. |
| Mutagenicity | : Not available. |

12. Ecological Information

| | |
|-----------------------|------------------|
| Ecotoxicity | : Not available |
| Persistence And | : Not available. |
| Degradability | |
| Bioaccumulative | : Not available. |
| Potential | |
| Other Adverse Effects | : Not available. |

13. Disposal Considerations

: Must be dumped or incinerated in accordance with local regulations.
Dispose of in a licensed facility. Recommend crushing, puncturing or other means to prevent unauthorized use of used containers.
Do not dump this product into sewers, on the ground or into any body of water.

14. Transport Information

Not classified as a dangerous good under transport regulations.
(USDOT / IMDG / IATA / ICAO)

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15. Regulatory Information

OSHA Status : Not hazardous.

TSCA Status : released / listed

SARA TitleIII

Section 311/312 : Not hazardous.

(40 CFR 370)

California Proposition : **WARNING:**

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This product can expose you to chemicals including Diethanolamine, Ethylene glycol, α -Methyl styrene, which are known to the State of California to cause cancer/ birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

16. Other Information

This information is furnished without warranty, express or implied, except that it is accurate to the best knowledge of Mimaki Engineering Corporation.

It relates only to the specific material designated herein, and dose not relate to use in combination with any other material or process.

Mimaki Engineering Corporation assumes no legal responsibility for use or reliance upon this information.

Revision history

| Version | Date | Content |
|---------|--------------|--|
| 1.0 | Oct 19, 2010 | First issue. |
| 2.0 | Aug 30, 2018 | Section15: Proposition65 Information Described |