

**1. Identification****Product identifier** Sb411 Violet T**Other means of identification** Not available**Product code** SB411-VT-2L**Recommended use of the chemical and restrictions on use****Recommended use** Water-based disperse dye ink**Restrictions on use** For use as ink jet printing ink only**Chemical manufacturer, importer, or other responsible party(local)****Company name** MIMAKI USA, INC.**U.S. address** 4851 Thurmon Tanner Parkway, STE 100 Flowery Branch, GA  
30542, U.S.A.**U.S. telephone number** +1-678-730-0170**Manufacturer****Company name** MIMAKI ENGINEERING CO., LTD.**Address** 2182-3 Shigeno-otsu, Tomi-shi, Nagano 389-0512 JAPAN**Telephone number** +81-268-64-2413**Emergency phone number** +1 866 928 0789 (within United States only, Toll free)  
+1 215 207 0061

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**2. Hazard identification****GHS classification**

Specific target organ toxicity-Single exposure Category 1 (central nervous system, blood system)

Specific target organ toxicity-Repeated exposure Category 1 (central nervous system, respiratory organs)

Hazards not described are "Not classified", "Not applicable" or "Classification not possible".

**Label content****Hazard pictogram or symbol****Signal word** Danger**Hazard statement(s)**

Causes damage to organs (central nervous system, blood system)

# Safety Data Sheet

Causes damage to organs through prolonged or repeated exposure (central nervous system, respiratory organs)

## Precautionary statement(s)

### Prevention

Do not breathe dust/fume/gas/mist/vapors/spray.  
 Wash contaminated areas thoroughly after handling.  
 Do not eat, drink or smoke when using this product.

### Response

IF exposed or concerned: Call a POISON CENTER/doctor.  
 Get medical advice/attention if you feel unwell.  
 Specific treatment (see section 4 on the SDS).

### Storage

Store locked up.

### Disposal

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

## Hazard not otherwise classified (HNOC):

Not available

## Hazards of chemical reaction products associated with known or reasonably anticipated uses or applications:

Not available

## 3. Composition/information on ingredients

Distinction of substance or mixture: Mixture

| Chemical name             | Common name(Synonyms) | CAS number or other unique identifier | Content or concentration range |
|---------------------------|-----------------------|---------------------------------------|--------------------------------|
| Water                     | Not available         | 7732-18-5                             | 50-60%                         |
| Dye                       | Not available         | Trade secret                          | 1-10%                          |
| 1,2-Propanediol           | Propylene glycol      | 57-55-6                               | 15-25%                         |
| 1,2,3-Propanetriol        | Glycerine             | 56-81-5                               | 7-13%                          |
| Sodium hydroxide (Na(OH)) | Not available         | 1310-73-2                             | <0.1%                          |
| Others                    | Not available         | Trade secret                          | 5-15%                          |

Note: The specific chemical identity, and/or concentration (exact or range) of the composition has been withheld as a trade secret.

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### 4. First aid measures

#### Description of necessary measures

##### Inhalation

Get medical advice/attention if you feel unwell.

##### Skin contact

Get medical advice/attention if you feel unwell.

##### Eye contact

Get medical advice/attention if you feel unwell.

##### Ingestion

Get medical advice/attention if you feel unwell.

#### Most important symptoms/effects, acute and delayed

Not available

#### Indication of immediate medical attention and special treatment needed, if necessary

Treat according to the symptoms.

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### 5. Fire-fighting measures

#### Suitable extinguishing media

All extinguishing agents

#### Unsuitable extinguishing media

Not available

#### Specific hazards arising from the chemical

Fire may produce irritating, corrosive and/or toxic gases.

#### Special protective equipment and precautions for fire-fighters

Move containers from fire area if you can do it without risk. Be careful not to cause environmental pollution by the outflow of fire extinguishing agent or dilution water. Wear proper protective equipment. Extinguish fire from windward as much as possible.

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### 6. Accidental release measures

#### Personal precautions, protective equipment and emergency procedures

Workers must wear appropriate protection equipment (refer to Section 8) and work from upwind. Isolate the site as a leak area by providing a zone that has an appropriate width to all directions. Prohibit unauthorized entry into the area.

#### Methods and materials for containment and cleaning up

Stop leak if you can do it without risk.

Collect spillage as much as possible.

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### 7. Handling and storage

#### Precautions for safe handling

Do not breathe dust/fume/gas/mist/vapors/spray.  
 Wash contaminated areas thoroughly after handling.  
 Do not eat, drink or smoke when using this product.

#### Conditions for safe storage, including any incompatibilities

Store locked up.

### 8. Exposure controls/personal protection

#### Occupational exposure limits

OSHA (PELs)

|                           |                                               |
|---------------------------|-----------------------------------------------|
| 1,2,3-Propanetriol        | TWA 15 mg/m <sup>3</sup> (Total dust)         |
| 1,2,3-Propanetriol        | TWA 5 mg/m <sup>3</sup> (Respirable fraction) |
| Sodium hydroxide (Na(OH)) | TWA 2 mg/m <sup>3</sup>                       |

ACGIH (TLVs)

|                           |                             |
|---------------------------|-----------------------------|
| Sodium hydroxide (Na(OH)) | STEL (C) 2mg/m <sup>3</sup> |
|---------------------------|-----------------------------|

#### Biological limits

|       |               |
|-------|---------------|
| ACGIH | Not available |
|-------|---------------|

#### Appropriate engineering controls

It is recommended to properly install local exhaust device, closed system or full ventilation equipment.  
 Provide showers, hand-wash and face-wash stations in the workplace and display the position clearly.

#### Personal protective equipment

|                               |                                                         |
|-------------------------------|---------------------------------------------------------|
| <b>Respiratory protection</b> | Wear face protection as necessary.                      |
| <b>Hand protection</b>        | Wear protective gloves as necessary.                    |
| <b>Eye/face protection</b>    | Wear eye protection as necessary.                       |
| <b>Skin protection</b>        | Wear protective clothing and safety shoes as necessary. |

### 9. Physical and chemical properties

|                                                                  |                     |
|------------------------------------------------------------------|---------------------|
| <b>Physical state</b>                                            | Liquid              |
| <b>Color</b>                                                     | Violet              |
| <b>Odor</b>                                                      | Characteristic odor |
| <b>Odor threshold</b>                                            | Not available       |
| <b>pH</b>                                                        | 6-9                 |
| <b>Melting point/freezing point</b>                              | Not available       |
| <b>Boiling point (or initial boiling point or boiling range)</b> | Not available       |

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|                                                    |                                               |
|----------------------------------------------------|-----------------------------------------------|
| Flash point                                        | Non-flammable                                 |
| Evaporation rate                                   | Not available                                 |
| Flammability                                       | Not available                                 |
| Lower and upper explosion limit/flammability limit | Upper: Not available;<br>Lower: Not available |
| Vapor pressure                                     | Not available                                 |
| Density and/or relative density                    | 1.0-1.2                                       |
| Solubility                                         | Easily soluble in water                       |
| Partition coefficient n-octanol/water (log value)  | Not available                                 |
| Auto-ignition temperature                          | Not available                                 |
| Decomposition temperature                          | Not available                                 |
| Viscosity                                          | 3-6 mPa·s (25°C)                              |
| Kinematic viscosity                                | Not available                                 |
| Relative vapor density                             | Not available                                 |
| Particle characteristics                           | Not available                                 |

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### 10. Stability and reactivity

#### Reactivity

Not available

#### Chemical stability

Stable under normal handling conditions.

#### Possibility of hazardous reactions, including those associated with foreseeable emergencies

May react with incompatible materials.

#### Conditions to avoid

Avoid heat, high temperatures, flames, sparks, and sources of ignition.

#### Incompatible materials

Oxidizers, strong oxidizers, reducing agents, acids, strong acids, alkalis, strong alkalis

#### Hazardous decomposition products

Combustion may produce carbon monoxide, carbon dioxide, nitrogen oxides, and other harmful gases.

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### 11. Toxicological information

No alternative information is used.

#### Acute toxicity

##### Oral

Not available

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Product Identifier: Sb411 Violet T

SDS No. 037-W488948

Date of preparation: 2025/04/30

Date of revision: 2025/09/24

## Dermal

Not available

## Inhalation

Not available

## Skin corrosion/irritation

Not available

## Serious eye damage/irritation

Not available

## Respiratory sensitization

Not available

## Skin sensitization

Not available

## Germ cell mutagenicity

Not available

## Carcinogenicity

Not available

OSHA: Not Listed

IARC: Not Listed

NTP: Not Listed

## Reproductive toxicity

Not available

## Specific target organ toxicity (Single Exposure)

Category 1 (central nervous system, blood system)

## Specific target organ toxicity (Repeated Exposure)

Category 1 (central nervous system, respiratory organs)

## Aspiration hazard

Not available

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## 12. Ecological information

### Ecotoxicity

Not available

### Persistence and degradability

Not available

### Bioaccumulative potential

Not available

### Mobility in soil

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Not available

## Other adverse effects

Not available

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## 13. Disposal considerations

### Remaining wastes

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

Entrust an industrial waste processor licensed by the local government, etc. or a local administration that handles the business to dispose.

### Contaminated container and packaging

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

Entrust an industrial waste processor licensed by the local government, etc. or a local administration that handles the business to dispose.

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## 14. Transport information

**UN number** Not applicable

**UN proper shipping name** Not applicable

**Transport hazard class(es)** Not applicable

**Packing group** Not applicable

**Marine pollutant (Yes/No)** No

**Transport in bulk according to IMO** Not applicable

### instruments

### Special precautions

Make sure that there is no leakage of containers during transporting. Prevent containers from overturning, falling and being damaged during loading. Prevent the cargo from collapsing.

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## 15. Regulatory information

### Occupational Safety and Health Act

**Air contaminants** 1,2,3-Propanetriol / Sodium hydroxide (Na(OH))

**Highly hazardous chemicals** Not applicable

**CERCLA Regulation** Sodium hydroxide (Na(OH)) (1000 (454) pounds (Kg))

**EPCRA 302 Regulation** Not regulated

**EPCRA 304 Regulation** Sodium hydroxide (Na(OH)) (1000 (454) pounds (Kg))

**EPCRA 313 Regulation** Not regulated

**California Proposition 65** Not regulated under California Proposition 65

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## 16. Other information

### Notice to reader:

The information provided in this SDS are based on currently available materials, information, and other data, however, we cannot assume any liability for the accuracy of the information contained. All chemical products may have unknown, potentially hazardous characteristics. It is recommended that handling should be done with caution.

The sign "-" included above means no relevant information.