

**Trade name:** Textile marker ink (neon pink) contained in: edding 4500, edding 4600**Current version :** 3.0.0, issued: 08.07.2024**Replaced version:** 2.0.0, issued: 05.05.2021**Region:** GB**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name****Textile marker ink (neon pink) contained in: edding 4500, edding 4600****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

Ink for use in felt pens

**Uses advised against**

No data available.

**1.3 Details of the supplier of the safety data sheet****Address**

edding International GmbH

Bookkoppel 7

D-22926 Ahrensburg

Telephone no. +49 (0) 41 02 / 80 8-0

**Information provided by / telephone**

+49 (0)4102 - 808-0

**Advice on Safety Data Sheet**

sdb\_info@umco.de

**1.4 Emergency telephone number**

For medical advice (in German and English):

+49 (0)30 30686 790 (Giftnotruf Berlin)

**SECTION 2: Hazards identification****2.1 Classification of the substance or mixture****Classification information**

This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

**2.2 Label elements**

Not relevant

**2.3 Other hazards**

No data available.

**SECTION 3: Composition/information on ingredients****3.1 Substances**

Not applicable. The product is not a substance.

**3.2 Mixtures****Chemical characterization**

Mixture (preparation)

**Hazardous ingredients**

| No | Substance name                        | Additional information              |                 |
|----|---------------------------------------|-------------------------------------|-----------------|
|    | CAS / EC / Index / REACH no           | Classification (EC) 1272/2008 (CLP) | Concentration % |
| 1  | pyridine-2-thiol 1-oxide, sodium salt |                                     |                 |

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|                                             |                                                                                                                                                                                                                    |                   |     |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------|-----|
| 3811-73-2<br>223-296-5<br>613-344-00-7<br>- | EUH070<br>Acute Tox. 4; H302<br>Acute Tox. 3; H311<br>Acute Tox. 3; H331<br>Skin Irrit. 2; H315<br>Skin Sens. 1; H317<br>Eye Irrit. 2; H319<br>STOT RE 1; H372<br>Aquatic Acute 1; H400<br>Aquatic Chronic 2; H411 | < 0.10            | wt% |
| 2                                           | <b>propane-1,2-diol</b>                                                                                                                                                                                            |                   |     |
| 57-55-6<br>200-338-0<br>-<br>-              | -                                                                                                                                                                                                                  | >= 5.00 - < 10.00 | wt% |

Full Text for all H-phrases and EUH-phrases: pls. see section 16

| No | Note | Specific concentration limits | M-factor (acute) | M-factor (chronic) |
|----|------|-------------------------------|------------------|--------------------|
| 1  | -    | -                             | M = 100          | -                  |

| No | Route, target organ, concrete effect |
|----|--------------------------------------|
| 1  | H372<br>-; nervous system; -         |

## SECTION 4: First aid measures

### 4.1 Description of first aid measures

#### General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes immediately, and launder thoroughly before reusing.

#### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

#### After skin contact

Wash immediately with plenty of water for several minutes.

#### After eye contact

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

#### After ingestion

Rinse out mouth and give plenty of water to drink. Call a doctor immediately. Never give anything by mouth to an unconscious person. Do not induce vomiting.

### 4.2 Most important symptoms and effects, both acute and delayed

No data available.

### 4.3 Indication of any immediate medical attention and special treatment needed

No data available.

## SECTION 5: Firefighting measures

### 5.1 Extinguishing media

#### Suitable extinguishing media

Carbon dioxide; Extinguishing powder; Foam; Water spray jet

#### Unsuitable extinguishing media

High power water jet

### 5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon monoxide (CO); Carbon dioxide (CO2)

### 5.3 Advice for firefighters

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Use self-contained breathing apparatus. Wear protective clothing.

**SECTION 6: Accidental release measures****6.1 Personal precautions, protective equipment and emergency procedures****For non-emergency personnel**

Refer to protective measures listed in sections 7 and 8. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation.

**For emergency responders**

No data available. Personal protective equipment (PPE) - see Section 8.

**6.2 Environmental precautions**

Do not discharge into the drains/surface waters/groundwater. Do not discharge into the subsoil/soil.

**6.3 Methods and material for containment and cleaning up**

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). Send in suitable containers for recovery or disposal.

**6.4 Reference to other sections**

No data available.

**SECTION 7: Handling and storage****7.1 Precautions for safe handling****Advice on safe handling**

Provide good ventilation at the work area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn.

**General protective and hygiene measures**

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Clean skin thoroughly after work; apply skin cream.

**Advice on protection against fire and explosion**

Keep away from sources of heat and ignition.

**7.2 Conditions for safe storage, including any incompatibilities****Technical measures and storage conditions**

Keep container tightly closed and dry in a cool, well-ventilated place.

**Requirements for storage rooms and vessels**

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

**7.3 Specific end use(s)**

No data available.

**SECTION 8: Exposure controls/personal protection****8.1 Control parameters****Occupational exposure limit values**

| No                                                       | Substance name                            | CAS no. | EC no.                    |
|----------------------------------------------------------|-------------------------------------------|---------|---------------------------|
| 1                                                        | propane-1,2-diol                          | 57-55-6 | 200-338-0                 |
| List of approved workplace exposure limits (WELs) / EH40 |                                           |         |                           |
|                                                          | Propane-1,2-diol                          |         |                           |
|                                                          | vapour & particulates                     |         |                           |
|                                                          | WEL long-term (8-hr TWA reference period) | 474     | mg/m <sup>3</sup> 150 ppm |
| List of approved workplace exposure limits (WELs) / EH40 |                                           |         |                           |
|                                                          | Propane-1,2-diol particulates             |         |                           |
|                                                          | WEL long-term (8-hr TWA reference period) | 10      | mg/m <sup>3</sup>         |

**8.2 Exposure controls**

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**Appropriate engineering controls**

No data available.

**Personal protective equipment**
**Respiratory protection**

If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn. In case of aerosol and mist formation, take appropriate measures for breathing protection in the event workplace threshold values are not specified.

**Eye / face protection**

Safety glasses with side protection shield (EN 166)

**Hand protection**

Sufficient protection is given wearing suitable protective gloves checked according to i.e. EN 374, in the event of risk of skin contact with the product. Before use, the protective gloves should be tested in any case for its specific work-station suitability (i.e. mechanical resistance, product compatibility and antistatic properties). Adhere to the manufacturer's instructions and information relating to the use, storage, care and replacement of protective gloves. Protective gloves shall be replaced immediately when physically damaged or worn. Design operations thus to avoid permanent use of protective gloves.

**Other**

Normal chemical work clothing.

**Environmental exposure controls**

No data available.

**SECTION 9: Physical and chemical properties**
**9.1 Information on basic physical and chemical properties**

|                                               |           |
|-----------------------------------------------|-----------|
| <b>State of aggregation</b>                   |           |
| liquid                                        |           |
| <b>Form</b>                                   |           |
| liquid                                        |           |
| <b>Colour</b>                                 |           |
| neon pink                                     |           |
| <b>Odour</b>                                  |           |
| odourless                                     |           |
| <b>pH value</b>                               |           |
| Value                                         | 6.0 - 7.0 |
| Comments                                      | undiluted |
| <b>Boiling point / boiling range</b>          |           |
| Value                                         | 100 °C    |
| <b>Melting point/freezing point</b>           |           |
| Value                                         | 0 °C      |
| <b>Decomposition temperature</b>              |           |
| No data available                             |           |
| <b>Flash point</b>                            |           |
| No data available                             |           |
| <b>Ignition temperature</b>                   |           |
| No data available                             |           |
| <b>Oxidising properties</b>                   |           |
| none                                          |           |
| <b>Explosive properties</b>                   |           |
| Product does not present an explosion hazard. |           |
| <b>Flammability</b>                           |           |

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|                                                          |            |
|----------------------------------------------------------|------------|
| No data available                                        |            |
| <b>Lower explosion limit</b>                             |            |
| No data available                                        |            |
| <b>Upper explosion limit</b>                             |            |
| No data available                                        |            |
| <b>Vapour pressure</b>                                   |            |
| No data available                                        |            |
| <b>Relative vapour density</b>                           |            |
| No data available                                        |            |
| <b>Relative density</b>                                  |            |
| No data available                                        |            |
| <b>Density</b>                                           |            |
| No data available                                        |            |
| <b>Solubility in water</b>                               |            |
| Comments                                                 | soluble    |
| <b>Solubility</b>                                        |            |
| No data available                                        |            |
| <b>Partition coefficient n-octanol/water (log value)</b> |            |
| No data available                                        |            |
| <b>Kinematic viscosity</b>                               |            |
| Value                                                    | < 10 mPa*s |
| Reference temperature                                    | 25 °C      |
| <b>Particle characteristics</b>                          |            |
| No data available                                        |            |

## 9.2 Other information

|                          |
|--------------------------|
| <b>Other information</b> |
| No data available.       |

## SECTION 10: Stability and reactivity

### 10.1 Reactivity

No data available.

### 10.2 Chemical stability

Stable under recommended storage and handling conditions (See section 7).

### 10.3 Possibility of hazardous reactions

No data available.

### 10.4 Conditions to avoid

Keep from freezing. Temperatures > 50°C.

### 10.5 Incompatible materials

No data available.

### 10.6 Hazardous decomposition products

None, if handled according to intended use.

## SECTION 11: Toxicological information

### 11.1 Information on hazard classes as defined in Regulation (EC) No 1272/2008

|                              |
|------------------------------|
| <b>Acute oral toxicity</b>   |
| No data available            |
| <b>Acute dermal toxicity</b> |

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|                                          |
|------------------------------------------|
| No data available                        |
| <b>Acute inhalational toxicity</b>       |
| No data available                        |
| <b>Skin corrosion/irritation</b>         |
| No data available                        |
| <b>Serious eye damage/irritation</b>     |
| No data available                        |
| <b>Respiratory or skin sensitisation</b> |
| No data available                        |
| <b>Germ cell mutagenicity</b>            |
| No data available                        |
| <b>Reproduction toxicity</b>             |
| No data available                        |
| <b>Carcinogenicity</b>                   |
| No data available                        |
| <b>STOT - single exposure</b>            |
| No data available                        |
| <b>STOT - repeated exposure</b>          |
| No data available                        |
| <b>Aspiration hazard</b>                 |
| No data available                        |

## 11.2 Information on other hazards

### Endocrine disrupting properties

No data available.

### Other information

No data available.

## SECTION 12: Ecological information

### 12.1 Toxicity

|                                      |
|--------------------------------------|
| <b>Toxicity to fish (acute)</b>      |
| No data available                    |
| <b>Toxicity to fish (chronic)</b>    |
| No data available                    |
| <b>Toxicity to Daphnia (acute)</b>   |
| No data available                    |
| <b>Toxicity to Daphnia (chronic)</b> |
| No data available                    |
| <b>Toxicity to algae (acute)</b>     |
| No data available                    |
| <b>Toxicity to algae (chronic)</b>   |
| No data available                    |
| <b>Bacteria toxicity</b>             |
| No data available                    |

### 12.2 Persistence and degradability

No data available.

### 12.3 Bioaccumulative potential

No data available.

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No data available.

**12.5 Results of PBT and vPvB assessment**

No data available.

**12.6 Endocrine disrupting properties**

No data available.

**12.7 Other adverse effects**

No data available.

**12.8 Other information****Other information**

Do not discharge product unmonitored into the environment.

**SECTION 13: Disposal considerations****13.1 Waste treatment methods****Product**

Allocation of a waste code number, according to the European Waste Catalogue, should be carried out in agreement with the regional waste disposal company.

**Packaging**

Residues must be removed from packaging and when emptied completely disposed of in accordance with the regulations for waste removal. Incompletely emptied packaging must be disposed of in the form of disposal specified by the regional disposer.

**SECTION 14: Transport information****14.1 UN number or ID number**

Not classified as dangerous in the meaning of transport regulations.

**14.2 UN proper shipping name**

Not classified as dangerous in the meaning of transport regulations.

**14.3 Transport hazard class(es)**

Not classified as dangerous in the meaning of transport regulations.

**14.4 Packing group**

Not classified as dangerous in the meaning of transport regulations.

**14.5 Environmental hazards**

Not classified as dangerous in the meaning of transport regulations.

**14.6 Special precautions for user**

No data available.

**14.7 Maritime transport in bulk according to IMO instruments**

Not relevant

**SECTION 15: Regulatory information****15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulations****Regulation (EC) No 1907/2006 (REACH) Annex XIV (List of substances subject to authorisation)**

According to the data available and/or specifications supplied by upstream suppliers, this product does not contain any substances considered as substances requiring authorisation as listed on Annex XIV of the REACH regulation (EC) 1907/2006.

**REACH candidate list of substances of very high concern (SVHC) for authorisation**

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According to available data and the information provided by preliminary suppliers, the product does not contain substances that are considered substances meeting the criteria for inclusion in annex XIV (List of Substances Subject to Authorisation) as laid down in Article 57 and article 59 of REACH (EC) 1907/2006.

**Regulation (EC) No 1907/2006 (REACH) Annex XVII: RESTRICTIONS ON THE MANUFACTURE, PLACING ON THE MARKET AND USE OF CERTAIN DANGEROUS SUBSTANCES, MIXTURES AND ARTICLES**

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

| No | Substance name                        | CAS no.    | EC no.    | No |
|----|---------------------------------------|------------|-----------|----|
| 1  | 2-n-butyl-benzo[d]isothiazol-3-one    | 4299-07-4  | 420-590-7 | 75 |
| 2  | 3-iodo-2-propynyl butylcarbamate      | 55406-53-6 | 259-627-5 | 75 |
| 3  | pyridine-2-thiol 1-oxide, sodium salt | 3811-73-2  | 223-296-5 | 75 |

**Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances**

This product is not subject to Part 1 or 2 of Annex I.

**15.2 Chemical safety assessment**

A chemical safety assessment has not been carried out for this mixture.

**SECTION 16: Other information**
**Sources of key data used to compile the data sheet:**

Regulation (EC) No 1907/2006 (REACH), 1272/2008 (CLP) as amended in each case.

Directives 2000/39/EC, 2006/15/EC, 2009/161/EU, (EU) 2017/164.

National Threshold Limit Values of the corresponding countries as amended in each case.

Transport regulations according to ADR, RID, IMDG, IATA as amended in each case.

The data sources used to determine physical, toxic and ecotoxic data, are indicated directly in the corresponding section.

**Full text of the H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)**

|        |                                                                 |
|--------|-----------------------------------------------------------------|
| EUH070 | Toxic by eye contact.                                           |
| H302   | Harmful if swallowed.                                           |
| H311   | Toxic in contact with skin.                                     |
| H315   | Causes skin irritation.                                         |
| H317   | May cause an allergic skin reaction.                            |
| H319   | Causes serious eye irritation.                                  |
| H331   | Toxic if inhaled.                                               |
| H372   | Causes damage to organs through prolonged or repeated exposure. |
| H400   | Very toxic to aquatic life.                                     |
| H411   | Toxic to aquatic life with long lasting effects.                |

**Creation of the safety data sheet**

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This information is based on our present knowledge and experience.

The safety data sheet describes products with a view to safety requirements.

It does not however, constitute a guarantee for any specific product properties and shall not establish a legally valid contractual relationship.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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