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Ahrensburg, 03.04.2002

Dear Sirs,

We refer to your request regarding the EC Safety Data Sheets that we provide for the ink used in our pens.

As products, writing utensils and markers do not fall under the European Dangerous Preparations Directive so there is no need to issue Safety Data Sheets.

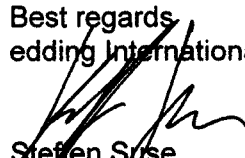
For this reason we are enclosing EC Safety Data Sheets for the inks which are used in the pen concerned.

Please bear in mind that the information on the data sheet relates to the handling of large quantities of liquid in bulk, or so-called large units.

However, our articles only contain a comparatively small quantity of the inks so most of the information is not relevant to you.

Assuming our products are used and stored in a normal way they are not dangerous.

Best regards
edding International GmbH



Steffen Suse
Head of Product Development

Commercial product name: Fineliner marker ink

Product No.: TZ 41

Date: 05.09.94

Producer/ supplier: edding Aktiengesellschaft

Date of revision: 02.08.00

1 Identification of the substance/preparation and of the company/undertaking

1.1 Identification of the substance or preparation:

fineliner marker ink, various colours

1.2 Company/undertaking identification:

edding Aktiengesellschaft, D-22923 Ahrensburg, Germany

2 Composition/information on ingredients

Chemical characterization:

solution of dyestuffs, additives and glycols in water

☐ substance

☐ preparation

3 Hazards identification

n.a

4 First-aid measures

General Information: If any symptom occurs consult a doctor.

Inhalation: n.a.

Skin contact: Remove affected clothes and wash skin with water and soap.

Eye contact: Rinse with plenty of clean water for 10 minutes; consult a doctor.

If swallowed: Do not induce vomiting. Consult a doctor immediately.

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5 Fire-fighting measures

n.a.

6 Accidental release measures

See personal protective measures in section 7 and 8.

Environmental protective measures: Do not let the ink reach the canalisation. In case of pollution of e.g. rivers or seas inform the competent authorities.

After spillage/leakage: Wipe off with absorbent material. As known any dyestuff should be treated as special refuse. Local regulations should be observed.

7 Handling and storage

7.1 Handling: Do not eat, drink or smoke. Usual safety measures for handling chemicals should be observed.

7.2 Storage: Keep container closed tightly. Store at a cool and ventilated place (between 5 and 30 °C). Protect from heat and sun. Keep away from alkaline, acid and oxidizing materials.

8 Exposure controls and personal protection

8.1 Engineering measures: n.a.

8.2 Specific control parameters/ limit values: n.a.

8.3 Personal protective equipment: Hand protection: gloves
Eye protection: glasses
Respiratory protection: none

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9 Physical and chemical properties

9.1 Appearance: physical state: liquid

colour: various

odour: mild

9.2 Safety parameters: pH: ~ 7

change in physical state: boiling point: 100 °C

melting point: < 0 °C

flash point: > 100 °C (DIN 53213)

flammability: n.a.

autoflammability: n.a.

ignition temperature: n.a.

explosion limits: lower: 99,9 vol. %

upper:

vapour pressure: 20 mbar (at 20 °C)

relative density: approx. 1,1 g/ml (at 20 °C)

oxidizing properties:

solubility: in water: miscible

in fat: --

9.3 Other data: viscosity: 3-4 mPa s (at 20 °C)

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10 Stability and reactivity

Stable when handled and stored according to regulations.

Hazardous decomposition products: At high temperatures CO, CO₂, NO_x and smoke could occur.

Keep away from alkaline, acid and oxidizing materials.

11 Toxicological information

No information about this preparation

Symptoms:

In case of eye contact ink could cause irritation and reversible harm.

In case of skin contact over a long time the product could pass the skin and get into the organism. Product could reduce fat content of the skin.

12 Ecological information

Do not let the ink reach the canalisation.

13 Disposal considerations

As known any dyestuff should be treated as special refuse. Local regulations should be observed.

14 Transport information

No transport classification.

EC - Safety data sheet

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15 Regulatory information

15.1 Classification, packaging and labelling of dangerous substances and preparations according to EC-Directives:

n.a.

15.2 Further information:

none

16 Other information

none

This data sheet is a translation of the german version - no guarantee of correct translation.