

Trade name: edding 950 industry painter

Version: 2.0.0 / GB

Status: 21.04.2008

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

Identification of the substance or preparation

Trade name

edding 950 industry painter

Colours: black, red, blue, yellow, white

Use of the substance/preparation

Ink for use in drawliners

Company/undertaking identification

Address

edding Aktiengesellschaft
Bookkoppel 7
D-22926 Ahrensburg

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

Information provided by / telephone

+49 (0)4102 - 808-0

Emergency telephone

+49 (0)30 192 40 (Toxic Substance Emergency Call Centre Berlin)

Advice on Safety Data Sheet

sdb_info@umco.de

2.) Hazards identification

Classification

Xn; R20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
Xi; R36/38 Irritating to eyes and skin.

Hazard symbols

Xn Harmful

R phrases

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
36/38 Irritating to eyes and skin.

3.) Composition / information on ingredients

Chemical characterization

Mixture (preparation)

Hazardous ingredients

2-BUTOXYETHANOL

EC no.	203-905-0	Index no.	603-014-00-0	CAS no.	111-76-2
Concentration	> 25	< 28	%-b.w.		
Classification	Xn; R20/21/22	Xi; R36/38			
Hazard symbols	Xn	R phrases	20/21/22-36/38		

3-BUTOXYPROPAN-2-OL

EC no.	225-878-4	Index no.	603-052-00-8	CAS no.	5131-66-8
Concentration	> 10	< 24	%-b.w.		
Classification	Xi; R36/38				
Hazard symbols	Xi	R phrases	36/38		

Other information (chapter 3.)

The product is an article. The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

4.) 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. Irregular breathing/no breathing: artificial respiration. Summon a doctor immediately. Ensure supply of fresh air.

After skin contact

Wash off immediately with soap and water.

After eye contact

Separate eyelids, wash the eyes thoroughly with water (15 min.). Eye treatment by an oculist.

After ingestion

Rinse mouth thoroughly with water. Summon a doctor immediately. Never give anything by mouth to an unconscious person.

5.) Fire-fighting measures**Suitable extinguishing media**

Foam; Dry chemical extinguisher; Water spray jet

Special exposure hazards arising from the substance or preparation itself, combustion products, resulting gases

None known

Special protective equipment for fire-fighters

Use self-contained breathing apparatus. Wear protective clothing.

6.) Accidental release measures**Personal precautions**

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

Environmental precautions

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

Methods for cleaning up/taking up

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). When picked up, treat material as prescribed under heading "Disposal considerations".

7.) Handling and storage**Handling****Advice on safe handling**

Provide good ventilation of working area (local exhaust ventilation if necessary). Product inherent handling risks must be minimised taking the appropriate measures for protection and preventive actions. The working process should be designed to rule out the release of hazardous substances or skin contact as far as possible by the state of the art

Advice on protection against fire and explosion

Keep away from sources of heat and ignition.

Storage**Requirements for storage rooms and vessels**

Containers which are opened must be carefully resealed and kept upright to prevent leakage. Always

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keep in containers of same material as the original one.

Advice on storage assembly

Do not store together with:

- Acids
- Bases
- Oxidizing agents

Further information on storage conditions

Keep container tightly closed and dry in a cool, well-ventilated place. Protect from heat and direct sunlight.

8.) Exposure controls / personal protection

Exposure limit values

2-BUTOXYETHANOL

CAS no. 111-76-2
 EC no. 203-905-0

2000/39/EWG

2-Butoxyethanol				
TWA	98	mg/m ³	20	ml/m ³
STEL	246	mg/m ³	50	ml/m ³
Skin resorption / sensibilisation	Skin			

Occupational Exposure Standards (OESs) / EH40

2-Butoxyethanol				
TWA	123	mg/m ³	25	ml/m ³
STEL		mg/m ³	50	ml/m ³
Skin resorption / sensibilisation	Sk			

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.

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 glove 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.

Eye protection

Safety glasses with side protection shield (EN 166)

Skin protection

Clothing as usual in the chemical industry.

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. Wash hands before breaks and after work.

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9.) Physical and chemical properties

General information

Form	liquid
Colour	various
Odour	ether-like

Important health, safety and environmental information

Changes in physical state

Type	Boiling point		
Value	appr.	180	°C
Type	Melting point		
Value	appr.	140	°C

Flash point

Remarks no data available

Density

Value	<	1,00	g/cm ³
Reference temperature	25	°C	

Solubility in water

Remarks insoluble

10.) Stability and reactivity

Conditions to avoid

Heat

Materials to avoid

Acids; Bases; Oxidizing agents

Hazardous decomposition products

No hazardous decomposition products known.

11.) Toxicological information

Experience in practice

Contact of the product with skin or eyes may cause irritation.

Other information (chapter 11.)

Product specific toxicological data are not known.

12.) Ecological information

Other adverse effects

Ecological data are not available.
Do not discharge product unmonitored into the environment.

13.) Disposal considerations

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

Residuals 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.

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14.) Transport information

Other information (chapter 14.)

The product is not defined under national/international road, rail, sea and air transport regulations as a hazardous material.

15.) Regulatory information

Labelling in accordance with EC directives

The product is classified and labelled in accordance with EC Directive 1999/45/EC.

The product is an article. The data subject of this Material Safety Data sheet refer to the ink contained in this product (marker).

Hazard symbols

Xn Harmful

Hazardous component(s) to be indicated on label, contains:

2-BUTOXYETHANOL

R phrases

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
36/38 Irritating to eyes and skin.

S phrases

36/37 Wear suitable protective clothing and gloves.
51 Use only in well-ventilated areas.

Council Directive 96/82/EC on the control of major-accident hazards involving dangerous substances

Remarks Annex I, part 1 + 2: not mentioned. With regard to possibly appropriate decomposition products see Chapter 10.

16.) Other information

Sources of key data used to compile the data sheet:

EC Directive 67/548/EC resp. 99/45/EC as amended in each case.
Regulation (EC) No 1907/2006 (REACH) as amended in each case.
EC Directives 2000/39/EC, 2006/15/EC as amended in each case.
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 chapter.

Relevant R-phrases (chapter 3):

20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
36/38 Irritating to eyes and skin.

Department issuing safety data sheet

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This information is based on our present state of knowledge. However, it should not constitute a guarantee for any specific product properties and shall not establish a legally valid relationship.

Alterations/supplements:

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