

Trade name: edding Permanent Marker Refill Ink T25, T100, T1000, MTK25 (blue) contained in: edding

Current version : 7.0.1, issued: 27.10.2022

Replaced version: 7.0.0, issued: 01.12.2015

Region: GB

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Trade name

**edding Permanent Marker Refill Ink T25, T100, T1000, MTK25 (blue)
contained in: edding 400**

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture

Refill ink

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 in accordance with Regulation (EC) No 1272/2008 (CLP)

Flam. Liq. 3; H226

STOT SE 3; H336

Classification information

This product is assessed and classified using the methods and criteria below referred to in Article 9 of Regulation (EC) n° 1272/2008:

Physical hazards: determined through assessment data based on the methods or standards referred to in part 2 of Annex I to CLP

Health hazards and environmental hazards: determined through toxicological and ecotoxicological assessment data based on the methods or standards referred to in Part 3, 4 and 5 of Annex I to CLP.

2.2 Label elements

Labelling according to Regulation (EC) No 1272/2008 (CLP Regulation)

Hazard pictograms



GHS02



GHS07

Signal word

Warning

Hazardous component(s) to be indicated on label:

1-methoxy-2-propanol

Hazard statement(s)

Trade name: edding Permanent Marker Refill Ink T25, T100, T1000, MTK25 (blue) contained in: edding

Current version : 7.0.1, issued: 27.10.2022

Replaced version: 7.0.0, issued: 01.12.2015

Region: GB

H226 Flammable liquid and vapour.
H336 May cause drowsiness or dizziness.

Precautionary statement(s)

P101 If medical advice is needed, have product container or label at hand.
P102 Keep out of reach of children.
P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.
P271 Use only outdoors or in a well-ventilated area.
P370+P378 In case of fire: Use water spray, extinguishing powder, foam or CO₂ to extinguish.
P405 Store locked up.
P501 Dispose of contents/container to a facility in accordance with local and national regulations.

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	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Additional information	%
1	1-methoxy-2-propanol				
	107-98-2 203-539-1 603-064-00-3 -	Flam. Liq. 3; H226 STOT SE 3; H336		>= 70.00 - < 90.00	wt%
2	hydrogen [tris[[3-[(2-ethylhexyl)oxy]propyl]amino]sulphonyl]-29H,31H phthalocyaninesulphonato(3)-N-{29},N-{30},N-{31},N-{32}]cuprate(1)-, compound with 3-[(2-ethylhexyl)oxy]propylamine (1:1) C.I. Solvent Blue 70				
	94277-77-7 304-661-9 -	Aquatic Chronic 3; H412		< 5.00	wt%

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

3.3 Other information

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

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 off immediately with soap and water. Do NOT use solvents or thinners.

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.

Trade name: edding Permanent Marker Refill Ink T25, T100, T1000, MTK25 (blue) contained in: edding

Current version : 7.0.1, issued: 27.10.2022

Replaced version: 7.0.0, issued: 01.12.2015

Region: GB

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.

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

Alcohol-resistant foam; Extinguishing powder; Carbon dioxide; 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 dioxide (CO2); Carbon monoxide (CO)

5.3 Advice for firefighters

Cool endangered containers with water spray jet. Use self-contained breathing apparatus. Suppress gases/vapours/mists with water spray jet. 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. Keep away from ignition sources.

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).

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. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

Advice on protection against fire and explosion

Vapours can form an explosive mixture with air. Take precautionary measures against static charges. 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. Protect from heat and direct sunlight.

Trade name: edding Permanent Marker Refill Ink T25, T100, T1000, MTK25 (blue) contained in: edding

Current version : 7.0.1, issued: 27.10.2022

Replaced version: 7.0.0, issued: 01.12.2015

Region: GB

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.

Incompatible products

Do not store together with: Acids; Alkalies; oxidizing agents

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	1-methoxy-2-propanol	107-98-2	203-539-1
2000/39/EC			
1-Methoxypopropanol-2			
	WEL short-term (15 min reference period)	568	mg/m ³
	WEL long-term (8-hr TWA reference period)	375	mg/m ³
	Skin resorption / sensibilisation	Skin	
List of approved workplace exposure limits (WELs) / EH40			
1-Methoxypopropan-2-ol			
	WEL short-term (15 min reference period)	560	mg/m ³
	WEL long-term (8-hr TWA reference period)	375	mg/m ³
	Comments	Sk	
2	hydrogen [tris[[3-[(2-ethylhexyl)oxy]propyl]amino]sulphonyl]-29H,31H phthalocyaninesulphonato(3-)N-(29)-,N-(30)-,N-(31)-,N-(32)]cuprate(1-), compound with 3-[(2-ethylhexyl)oxy]propylamine (1:1) C.I. Solvent Blue 70	94277-77-7	304-661-9
List of approved workplace exposure limits (WELs) / EH40			
Copper and compounds (as Cu) dusts and mists			
	WEL short-term (15 min reference period)	2	mg/m ³
	WEL long-term (8-hr TWA reference period)	1	mg/m ³

8.2 Exposure controls

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.

Appropriate Material

butyl rubber

Material thickness

0.5 mm

Breakthrough time

> 240 min

Other

Normal chemical work clothing.

Trade name: edding Permanent Marker Refill Ink T25, T100, T1000, MTK25 (blue) contained in: edding

Current version : 7.0.1, issued: 27.10.2022

Replaced version: 7.0.0, issued: 01.12.2015

Region: GB

Environmental exposure controls
No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation

liquid

Form

liquid

Colour

blue

Odour

characteristic

pH value

No data available

Boiling point / boiling range

Value	appr.	110	°C
Reference pressure		1013	hPa

Melting point/freezing point

No data available

Decomposition temperature

No data available

Flash point

Value	appr.	30	°C
-------	-------	----	----

Ignition temperature

No data available

Flammability

No data available

Lower explosion limit

No data available

Upper explosion limit

No data available

Vapour pressure

Value	<	110	kPa
Reference temperature		50	°C

Relative vapour density

No data available

Relative density

No data available

Density

Value	appr.	0.962	g/cm ³
Reference temperature		20	°C

Solubility

No data available

Partition coefficient n-octanol/water (log value)

No data available

Kinematic viscosity

Trade name: edding Permanent Marker Refill Ink T25, T100, T1000, MTK25 (blue) contained in: edding

Current version : 7.0.1, issued: 27.10.2022

Replaced version: 7.0.0, issued: 01.12.2015

Region: GB

Value Reference temperature	appr. 20	13 sec °C
Type Method	Efflux time DIN cup 4 mm	

Solvent separation test			
Value Reference temperature	<	3 % 20	°C

Particle characteristics			
No data available			

9.2 Other information

Other information			
The physical data is that of the main component/s.			

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

Heat; Moisture.

10.5 Incompatible materials

Acids; Alkalies; Oxidizing agents

10.6 Hazardous decomposition products

Hydrogen

SECTION 11: Toxicological information

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

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	1-methoxy-2-propanol	107-98-2	203-539-1
LD50		5660	mg/kg bodyweight
Species	rat		
Source	Manufacturer		

Acute dermal toxicity			
No	Substance name	CAS no.	EC no.
1	1-methoxy-2-propanol	107-98-2	203-539-1
LD50		9999.99	mg/kg bodyweight
Species	rabbit		
Source	Manufacturer		

Acute inhalational toxicity			
No data available			

Skin corrosion/irritation			
No data available			

Serious eye damage/irritation			
No data available			

Respiratory or skin sensitisation			
No data available			

Trade name: edding Permanent Marker Refill Ink T25, T100, T1000, MTK25 (blue) contained in: edding

Current version : 7.0.1, issued: 27.10.2022

Replaced version: 7.0.0, issued: 01.12.2015

Region: GB

Germ cell mutagenicity

No data available

Reproduction toxicity

No data available

Carcinogenicity

No data available

STOT - single exposure

No data available

STOT - repeated exposure

No data available

Aspiration hazard

No data available

Delayed and immediate effects as well as chronic effects from short and long-term exposure

Inhalation of solvent vapours in higher concentration may lead to nausea, headache, drowsiness and dizziness. Repeated and prolonged skin contact may cause removal of natural fat from the skin and irritation of the skin.

11.2 Information on other hazards

Endocrine disrupting properties

No data available.

Other information

No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)

No data available

Toxicity to fish (chronic)

No data available

Toxicity to Daphnia (acute)

No data available

Toxicity to Daphnia (chronic)

No data available

Toxicity to algae (acute)

No data available

Toxicity to algae (chronic)

No data available

Bacteria toxicity

No data available

12.2 Persistence and degradability

No data available.

12.3 Bioaccumulative potential

No data available.

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

No data available.

12.6 Endocrine disrupting properties

Trade name: edding Permanent Marker Refill Ink T25, T100, T1000, MTK25 (blue) contained in: edding

Current version : 7.0.1, issued: 27.10.2022

Replaced version: 7.0.0, issued: 01.12.2015

Region: GB

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 Transport ADR/RID/ADN

Class	3
Classification code	F1
Packing group	III
Hazard identification no.	30
UN number	UN1263
Proper shipping name	PAINT RELATED MATERIAL
Tunnel restriction code	D/E
Label	3

14.2 Transport IMDG

Class	3
Packing group	III
UN number	UN1263
Proper shipping name	PAINT RELATED MATERIAL
EmS	F-E, S-E
Label	3

14.3 Transport ICAO-TI / IATA

Class	3
Packing group	III
UN number	UN1263
Proper shipping name	Paint related material
Label	3

14.4 Other information

No data available.

14.5 Environmental hazards

Information on environmental hazards, if relevant, please see 14.1 - 14.3.

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

