

Trade name: edding Permanent Marker Refill Ink T25 violett (1138008)**Current version :** 2.0.0, issued: 04.06.2025**Replaced version:** 1.0.0, issued: 05.02.2025**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 violett (1138008)****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

Details of the importer**Address**

edding UK Ltd.

edding House, Merlin Centre

AL4 0JY St Albans

Hertfordshire

United Kingdom

Telephone no. +44 (0)1727 84 66 88

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)**

Aquatic Chronic 3; H412

Eye Irrit. 2; H319

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)

H226

Flammable liquid and vapour.

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H319 Causes serious eye irritation.
H336 May cause drowsiness or dizziness.
H412 Harmful to aquatic life with long lasting effects.

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.
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	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration %
1	1-methoxy-2-propanol		
	107-98-2 203-539-1 603-064-00-3 01-2119457435-35-0034	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%
3	9-[2-(ethoxycarbonyl)phenyl]-3,6-bis(ethylamino)-2,7 dimethylxanthylum ethyl sulphate		
	26694-69-9 247-906-4 - 01-2119935914-30-	Acute Tox. 4; H302 Aquatic Acute 1; H400 Eye Dam. 1; H318 Aquatic Chronic 1; H410	< 2.50 wt%
4	3,6-bis(diethylamino)-9-[2-(methoxycarbonyl)phenyl]xanthylum tetrachlorozincate C.I. Basic Violet 11:1		
	73398-89-7 277-459-0 - -	Acute Tox. 3; H331 Acute Tox. 3; H301 Aquatic Chronic 2; H411 Eye Dam. 1; H318	< 0.50 wt%

Full text of H- and EUH-phrases, if not already mentioned in section 2.2: see section 16.

Acute toxicity estimate (ATE) values

No	oral	dermal	inhalative
3	400 mg/kg bodyweight		

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

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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.

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.

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; Alkalis; oxidizing agents

7.3 Specific end use(s)

No data available.

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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-Methoxypropan-2-ol		
	WEL short-term (15 min reference period)	568 mg/m ³	150 ppm
	WEL long-term (8-hr TWA reference period)	375 mg/m ³	100 ppm
	Skin resorption / sensibilisation	Skin	
	List of approved workplace exposure limits (WELs) / EH40		
	1-Methoxypropan-2-ol		
	WEL short-term (15 min reference period)	560 mg/m ³	150 ppm
	WEL long-term (8-hr TWA reference period)	375 mg/m ³	100 ppm
	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	

DNEL, DMEL and PNEC values**DNEL values (worker)**

No	Substance name	CAS / EC no
	Route of exposure	Value
1	1-methoxy-2-propanol	107-98-2 203-539-1
	dermal	Long term (chronic) systemic 183 mg/kg/day
	inhalative	Long term (chronic) systemic 369 mg/m ³
	inhalative	Short term (acute) local 553.5 mg/m ³
	inhalative	Short term (acute) systemic 553.5 mg/m ³

DNEL value (consumer)

No	Substance name	CAS / EC no
	Route of exposure	Value
1	1-methoxy-2-propanol	107-98-2 203-539-1
	oral	Long term (chronic) systemic 33 mg/kg/day
	dermal	Long term (chronic) systemic 78 mg/kg/day
	inhalative	Long term (chronic) systemic 43.9 mg/m ³

PNEC values

No	Substance name	CAS / EC no
	ecological compartment	Value
1	1-methoxy-2-propanol	107-98-2 203-539-1
	water	fresh water 10 mg/L
	water	marine water 1 mg/L
	water	Aqua intermittent 100 mg/L
	water	fresh water sediment 52.3 mg/kg
	with reference to: dry weight	
	water	marine water sediment 5.2 mg/kg
	with reference to: dry weight	
	soil	- 4.59 mg/kg
	with reference to: dry weight	
	sewage treatment plant	- 100 mg/L

8.2 Exposure controls**Appropriate engineering controls**

No data available.

Personal protective equipment

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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.

Respirator A

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.

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			
violet			
Odour			
characteristic			
pH value			
Value	appr.	5.2	
Boiling point / boiling range			
Value	appr.	110	°C
Reference pressure		1013	hPa
Melting point/freezing point			
No data available			
Decomposition temperature			
Value	>	200	°C
Flash point			
Value	appr.	31	°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.	0.956	g/cm ³

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Reference temperature		20		°C
Solubility				
No data available				
Partition coefficient n-octanol/water (log value)				
No	Substance name	CAS no.		EC no.
1	1-methoxy-2-propanol	107-98-2		203-539-1
log Pow		< 1		
Reference temperature		20 °C		
with reference to		pH: 6.8		
Method		OECD 117		
Source		ECHA		
Kinematic viscosity				
Value		appr. 12 sec		
Reference temperature		20 °C		
Type		Efflux time		
Method		DIN cup 4 mm		
Solvent separation test				
Value		< 3 %		
Reference temperature		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

Formation of hydrogen gas upon contact with materials to avoid. Explosion hazard.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources. Moisture

10.5 Incompatible materials

Acids; Alkalis; 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 (result of the ATE calculation for the mixture)			
Product Name			
edding Permanent Marker Refill Ink T25 violett (1138008)			
Comments		The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE oral > 2000 mg/kg).	

Acute oral toxicity			
No	Substance name	CAS no.	EC no.
1	1-methoxy-2-propanol	107-98-2	203-539-1
LD50		4016	mg/kg bodyweight
Species	rat		
Method	EC 440/2008, B.1		
Source	ECHA		
2	9-[2-(ethoxycarbonyl)phenyl]-3,6-bis(ethylamino)-2,7-dimethylxanthylum ethyl sulphate	26694-69-9	247-906-4

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LD50	400	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		2000	mg/kg bodyweight
Species	rat		
Method	440/2008/EC B.3.		
Source	ECHA		

Acute inhalational toxicity (result of the ATE calculation for the mixture)	
Product Name	
edding Permanent Marker Refill Ink T25 violett (1138008)	
Comments	The result of the applied calculation method according to the European Regulation (EC) 1272/2008 (CLP), Paragraph 3.1.3.6, Part 3 of Annex I is outside the values that imply a classification / labelling of this mixture according to table 3.1.1 defining the respective categories (ATE for inhalation: > 20.000 ppmV (gases), > 20 mg/l (vapours), > 5 mg/l (dusts/mists).

Acute inhalational toxicity
No data available

Skin corrosion/irritation			
No	Substance name	CAS no.	EC no.
1	1-methoxy-2-propanol	107-98-2	203-539-1
Species	rabbit		
Method	EC 440/2008, B.4		
Source	ECHA		
Evaluation	non-irritant		

Serious eye damage/irritation			
No	Substance name	CAS no.	EC no.
1	1-methoxy-2-propanol	107-98-2	203-539-1
Species	rabbit		
Method	2004/73/EEC, B.5		
Source	ECHA		
Evaluation	non-irritant		

Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	1-methoxy-2-propanol	107-98-2	203-539-1
Route of exposure	Skin		
Species	guinea pig		
Method	440/2008/EC B.6		
Source	ECHA		
Evaluation	non-sensitizing		

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

Endocrine disrupting properties
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

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Other information
No data available.

SECTION 12: Ecological information**12.1 Toxicity**

Toxicity to fish (acute)			
No	Substance name	CAS no.	EC no.
1	1-methoxy-2-propanol	107-98-2	203-539-1
LC50	> 4600	- 10000	mg/l
Duration of exposure		96	h
Species	Leuciscus idus		
Method	DIN 38 412, part L15		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Toxicity to fish (chronic)			
No data available			
Toxicity to Daphnia (acute)			
No	Substance name	CAS no.	EC no.
1	1-methoxy-2-propanol	107-98-2	203-539-1
EC50	21100	- 25900	mg/l
Duration of exposure		48	h
Species	Daphnia magna		
Method	ESR-ES-15		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
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

Biodegradability			
No	Substance name	CAS no.	EC no.
1	1-methoxy-2-propanol	107-98-2	203-539-1
Type	aerobic biodegradation		
Value		96	%
Duration		28	day(s)
Method	OECD 301 E		
Source	ECHA		
Evaluation	readily biodegradable		

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)			
No	Substance name	CAS no.	EC no.
1	1-methoxy-2-propanol	107-98-2	203-539-1
log Pow	<	1	
Reference temperature		20	°C
with reference to	pH: 6.8		
Method	OECD 117		
Source	ECHA		

12.4 Mobility in soil

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

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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**

ADR/RID/ADN	UN1263
IMDG	UN1263
ICAO-TI / IATA	UN1263

14.2 UN proper shipping name

ADR/RID/ADN	PAINT
IMDG	PAINT
ICAO-TI / IATA	Paint

14.3 Transport hazard class(es)

ADR/RID/ADN - Class	3
Label	3
Classification code	F1
Tunnel restriction code	D/E
Hazard identification no.	30
IMDG - Class	3
Label	3
ICAO-TI / IATA - Class	3
Label	3

14.4 Packing group

ADR/RID/ADN	III
IMDG	III
ICAO-TI / IATA	III

14.5 Environmental hazards

EmS	F-E, S-E
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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

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 is considered being subject to REACH regulation (EC) 1907/2006 annex XVII.	No 3, 40
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This product is subject to Part I of Annex I, risk category:

P5c

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)

H301	Toxic if swallowed.
H302	Harmful if swallowed.
H318	Causes serious eye damage.
H331	Toxic if inhaled.
H400	Very toxic to aquatic life.
H410	Very toxic to aquatic life with long lasting effects.
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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