

**Trade name:** edding refill ink permanent marker RMTK25 (blue) contained in: edding retract 11

**Current version :** 3.1.2, issued: 15.09.2021

**Replaced version:** 3.1.0, issued: 11.09.2018

**Region:** GB

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

### 1.1 Product identifier

**Trade name**

**edding refill ink permanent marker RMTK25 (blue) contained in: edding retract 11**

### 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)**

Eye Dam. 1; H318

Flam. Liq. 2; H225

STOT SE 3; H336

### 2.2 Label elements

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

**Hazard pictograms**



GHS02



GHS05



GHS07

**Signal word**

Danger

**Hazardous component(s) to be indicated on label:**

1-methoxy-2-propanol

propan-1-ol

**Hazard statement(s)**

H225

Highly flammable liquid and vapour.

H318

Causes serious eye damage.

H336

May cause drowsiness or dizziness.

**Precautionary statement(s)**

P101

If medical advice is needed, have product container or label at hand.

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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.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P305+P351+P338	IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P310	Immediately call a POISON CENTER/doctor.
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		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	<b>1-methoxy-2-propanol</b>			
	107-98-2 203-539-1 603-064-00-3 01-2119457435-35-0034	Flam. Liq. 3; H226 STOT SE 3; H336	< 45.00	wt%
2	<b>propan-1-ol</b>			
	71-23-8 200-746-9 603-003-00-0 01-2119486761-29	Eye Dam. 1; H318 Flam. Liq. 2; H225 STOT SE 3; H336	< 40.00	wt%
3	<b>[4-[4-(diethylamino)-alpha-[4-(ethylamino)-1-naphthyl]benzylidene]cyclohexa-2,5-dien-1-ylidene]diethylammonium chloride, C.I. 42595, Basic Blue 7</b>			
	2390-60-5 219-232-0 - -	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Irrit. 2; H319	< 3.00	wt%
4	<b>Amines, rosin, compds. with 6'-(diethylamino)-3'-hydroxy-3-oxo-spiro[isobenzofuran-1(3H),9'-[9H]xanthene]-2'-carboxylic acid and sodium bis[2-hydroxybenzoato(2-)-O-{1}-,O-{2}-]chromate(1-)</b>			
	73049-38-4 277-248-3 - -	Acute Tox. 4; H312 Acute Tox. 4; H332	< 2.00	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

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#### **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.

#### **After ingestion**

Do not induce vomiting. Call a doctor immediately. Never give anything by mouth to an unconscious person. Rinse the mouth thoroughly with water.

#### **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 (CO<sub>2</sub>); Carbon monoxide (CO)

#### **5.3 Advice for firefighters**

Use self-contained breathing apparatus. Cool endangered containers with water spray jet. Wear protective clothing. Suppress gases/vapours/mists with water spray jet. Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

### **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**

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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. Risks inherent to handling the product must be minimised by applying the appropriate protective and preventive measures. Working processes should - so far as possible, according to the state of the art - be designed to rule out bodily contact or the release of hazardous substances.

#### 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. Use explosion-proof equipment/fittings and non-sparking tools.

### 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: 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-Methoxypropanol-2		
	WEL short-term (15 min reference period)	568	mg/m <sup>3</sup> 150 ppm
	WEL long-term (8-hr TWA reference period)	375	mg/m <sup>3</sup> 100 ppm
	Skin resorption / sensibilisation	Skin	
	<b>List of approved workplace exposure limits (WELs) / EH40</b>		
	1-Methoxypropan-2-ol		
	WEL short-term (15 min reference period)	560	mg/m <sup>3</sup> 150 ppm
	WEL long-term (8-hr TWA reference period)	375	mg/m <sup>3</sup> 100 ppm
	Comments	Sk	
2	propan-1-ol	71-23-8	200-746-9
	<b>List of approved workplace exposure limits (WELs) / EH40</b>		
	Propan-1-ol		
	WEL short-term (15 min reference period)	625	mg/m <sup>3</sup> 250 ppm
	WEL long-term (8-hr TWA reference period)	500	mg/m <sup>3</sup> 200 ppm
	Comments	Sk	
3	Amines, rosin, compds. with 6'-(diethylamino)-3'-hydroxy-3-oxo-spiro[isobenzofuran-1(3H),9'-[9H]xanthene]-2'-carboxylic acid and sodium bis[2-hydroxybenzoato(2-)-O-{1}-,O-{2}-]chromate(1-)	73049-38-4	277-248-3
	2006/15/EC		
	Chromium Metal, Inorganic Chromium (II) Compounds and Inorganic Chromium (III) Compounds (insoluble)		
	WEL long-term (8-hr TWA reference period)	2	mg/m <sup>3</sup>
	<b>List of approved workplace exposure limits (WELs) / EH40</b>		
	Chromium (VI) compounds (as Cr)		
	WEL long-term (8-hr TWA reference period)	0.01	mg/m <sup>3</sup>

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Comments	Carc, sen, BMGV
<b>List of approved workplace exposure limits (WELs) / EH40</b>	
Chromium (VI) compounds (as Cr)	
WEL long-term (8-hr TWA reference period)	0,025 mg/m <sup>3</sup> (process generated)1
Comments	Carc, sen, BMGV

### DNEL, DMEL and PNEC values

#### DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	<b>1-methoxy-2-propanol</b>			<b>107-98-2</b> <b>203-539-1</b>	
	dermal	Long term (chronic)	systemic	183	mg/kg/day
	inhalative	Long term (chronic)	systemic	369	mg/m <sup>3</sup>
	inhalative	Short term (acut)	local	553.5	mg/m <sup>3</sup>
2	<b>propan-1-ol</b>			<b>71-23-8</b> <b>200-746-9</b>	
	dermal	Long term (chronic)	systemic	136	mg/kg/day
	inhalative	Short term (acut)	systemic	1723	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	systemic	268	mg/m <sup>3</sup>

#### DNEL value (consumer)

No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	<b>1-methoxy-2-propanol</b>			<b>107-98-2</b> <b>203-539-1</b>	
	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 <sup>3</sup>
2	<b>propan-1-ol</b>			<b>71-23-8</b> <b>200-746-9</b>	
	oral	Long term (chronic)	systemic	61	mg/kg/day
	dermal	Long term (chronic)	systemic	81	mg/kg/day
	inhalative	Short term (acut)	systemic	1036	mg/m <sup>3</sup>
	inhalative	Long term (chronic)	systemic	80	mg/m <sup>3</sup>

#### PNEC values

No	Substance name		CAS / EC no		
	ecological compartment	Type	Value		
1	<b>1-methoxy-2-propanol</b>		<b>107-98-2</b> <b>203-539-1</b>		
	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	
	water	marine water sediment	5.2	mg/kg	
	soil	-	4.59	mg/kg	
	sewage treatment plant	-	100	mg/L	
	2	<b>propan-1-ol</b>		<b>71-23-8</b> <b>200-746-9</b>	
		water	fresh water	6.83	mg/L
water		Aqua intermittent	10	mg/L	
water		marine water	0.683	mg/L	
water		fresh water sediment	27.5	mg/kg dry	

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				weight
	water	marine water sediment	2.75	mg/kg dry weight
	soil	-	1.49	mg/kg dry weight
	sewage treatment plant	-	96	mg/L

## 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. Short term: filter apparatus, Filter 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 workstation 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	>=	480	min
Appropriate Material	nitrile rubber		
Material thickness		0.35	mm
Breakthrough time	>=	480	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

<b>State of aggregation</b>	
liquid	
<b>Form/Colour</b>	
liquid	
blue	
<b>Odour</b>	
alcohol-like	
<b>pH value</b>	
No data available	
<b>Boiling point / boiling range</b>	
Value	96.5 - 97.5 °C
<b>Melting point/freezing point</b>	
Value	-127 °C
<b>Decomposition temperature</b>	
No data available	

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<b>Flash point</b>	
Value	15 °C
<b>Ignition temperature</b>	
Value	360 °C
<b>Flammability</b>	
No data available	
<b>Lower explosion limit</b>	
Value	2.1 % vol
<b>Upper explosion limit</b>	
Value	13.5 % vol
<b>Vapour pressure</b>	
Value	19 hPa
Reference temperature	20 °C
<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	miscible
<b>Solubility</b>	
No data available	
<b>Partition coefficient n-octanol/water (log value)</b>	
No data available	
<b>Viscosity</b>	
No data available	
<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

Heat, naked flames and other ignition sources.

### 10.5 Incompatible materials

Oxidizing agents

### 10.6 Hazardous decomposition products

None, if handled according to intended use.

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**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)	
No	Product Name
1	edding refill ink permanent marker RMTK25 (blue) contained in: edding retract 11
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	propan-1-ol	71-23-8	200-746-9
LD50		3730	mg/kg bodyweight
Species	rat		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Acute dermal toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	edding refill ink permanent marker RMTK25 (blue) contained in: edding retract 11
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 dermal > 2000 mg/kg).

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		
2	propan-1-ol	71-23-8	200-746-9
LD50		4032	mg/kg bodyweight
Species	rabbit		
Method	OECD 402		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Acute inhalational toxicity (result of the ATE calculation for the mixture)	
No	Product Name
1	edding refill ink permanent marker RMTK25 (blue) contained in: edding retract 11
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).



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Acute inhalational toxicity			
No	Substance name	CAS no.	EC no.
1	propan-1-ol	71-23-8	200-746-9
	LC50	>	33.8 mg/l
	Duration of exposure		4 h
	State of aggregation	Vapour	
	Species	rat	
	Method	OECD 403	
	Source	ECHA	
	Evaluation/classification	Based on available data, the classification criteria are not met.	

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	
2	propan-1-ol	71-23-8	200-746-9
	Species	rabbit	
	Method	OECD 404	
	Source	ECHA	
	Evaluation	non-irritant	
	Evaluation/classification	Based on available data, the classification criteria are not met.	

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	
2	propan-1-ol	71-23-8	200-746-9
	Species	rabbit	
	Method	OECD 405	
	Source	ECHA	
	Evaluation	Irreversible effects on the eye	
	Evaluation/classification	Based on available data, the classification criteria are met.	

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	
2	propan-1-ol	71-23-8	200-746-9
	Route of exposure	Skin	
	Species	guinea pig	
	Method	OECD 406	
	Source	ECHA	
	Evaluation	non-sensitizing	
	Evaluation/classification	Based on available data, the classification criteria are not met.	

Germ cell mutagenicity			
No	Substance name	CAS no.	EC no.
1	propan-1-ol	71-23-8	200-746-9
	Type of examination	in vitro gene mutation study in bacteria	
	Species	Salmonella typhimurium / Escherichia coli	
	Method	OECD 471	
	Source	ECHA	

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Evaluation/classification	Based on available data, the classification criteria are not met.
Type of examination	In vitro mammalian cell gene mutation test
Species	Chinese hamster Ovary (CHO)
Method	OECD 476
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.
Type of examination	In vitro Mammalian Chromosomal Aberration Test
Species	Chinese hamster V79 cells
Method	OECD 473
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	propan-1-ol	71-23-8	200-746-9
Route of exposure		inhalational	
Type of examination	Toxicity study		
Species	rat		
Method	OECD 413		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Route of exposure		inhalational	
Type of examination	Prenatal Developmental Toxicity Study		
Species	rat		
Method	OECD 414		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

Carcinogenicity	
No data available	

STOT - single exposure	
No data available	

STOT - repeated exposure			
No	Substance name	CAS no.	EC no.
1	propan-1-ol	71-23-8	200-746-9
Route of exposure		inhalational	
Species	rat		
Method	OECD 413		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
Route of exposure		oral	
Species	rat		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		

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. Eye contact with the product may lead to irritation.	

## 11.2 Information on other hazards

### Endocrine disrupting properties

No data available.

### Other information

No data available.

## SECTION 12: Ecological information

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## 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.

## 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

No data available.

## 12.8 Other information

<b>Other information</b>
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	II
Hazard identification no.	33
UN number	UN1263
Proper shipping name	PAINT

**Trade name:** edding refill ink permanent marker RMTK25 (blue) contained in: edding retract 11

**Current version :** 3.1.2, issued: 15.09.2021

**Replaced version:** 3.1.0, issued: 11.09.2018

**Region:** GB

Special Provision 640 640D  
Tunnel restriction code D/E  
Label 3

#### 14.2 Transport IMDG

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

#### 14.3 Transport ICAO-TI / IATA

Class 3  
Packing group II  
UN number UN1263  
Proper shipping name Paint  
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

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

This product is subject to Part I of Annex I, risk category:	P5b
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#### 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.

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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)**

H226	Flammable liquid and vapour.
H302	Harmful if swallowed.
H312	Harmful in contact with skin.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H332	Harmful if inhaled.

**Creation of the safety data sheet**

UMCO GmbH

Georg-Wilhelm-Str. 187, D-21107 Hamburg

Tel.: +49 40 / 555 546 300 Fax: +49 40 / 555 546 357 e-mail: [umco@umco.de](mailto:umco@umco.de)

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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