

# EU safety data sheet

**Trade name:** Paint marker ink white

**Current version :** 1.2.0, issued: 03.04.2025

**Replaced version:** 1.2.0, issued: 27.04.2023

**Region:** GB

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

### 1.1 Product identifier

**Trade name**

Paint marker ink white

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

**Relevant identified uses of the substance or mixture**

writing and marking

**Uses advised against**

No data available.

### 1.3 Details of the supplier of the safety data sheet

**Address**

ICO ZRt. H-2013 Pomáz,  
ICO út 5. Tel.: +36 26 527 200  
Email: post@ico.eu

### 1.4 Emergency telephone number

EGÉSZSÉGÜGYI TOXIKOLÓGIAI TÁJÉKOZTATÓ SZOLGÁLAT

Cím: 1097 Budapest, Albert Flórián út 2-6.

Sürgősségi információszolgáltatás mérgezés vagy annak gyanúja esetén:

+36 80 201 199 (0-24 órában, díjmentesen hívható – csak Magyarországról)

+36 1 476 6464 (0-24 órában, normál díj ellenében hívható – külföldről is)

## 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**

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Warning

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

1-methoxy-2-propanol

**Hazard statement(s)**

H226

Flammable liquid and vapour.

H336

May cause drowsiness or dizziness.

**Precautionary statement(s)**

P210

Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking.

P370+P378

In case of fire: Use water spray, extinguishing powder, foam or CO2 to extinguish.

## 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 based on: alcohols; Resins; Pigments; dyes

**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 -	Flam. Liq. 3; H226 STOT SE 3; H336	>= 40.00 - < 60.00 wt%
2	2-methoxypropanol		
	1589-47-5 216-455-5 603-106-00-0 -	Eye Dam. 1; H318 Flam. Liq. 3; H226 Repr. 1B; H360D*** Skin Irrit. 2; H315 STOT SE 3; H335	< 0.30 wt%
3	titanium dioxide; [not containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]		
	13463-67-7 236-675-5 - -	-	>= 25.00 - < 50.00 wt%

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

(\* , \*\* , \*\*\* , \*\*\*\* ) Detailed explanation pls. refer to CLP regulation No. 1272/2008, annex VI, 1.2

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
3	V, W, 10	-	-	-

Full text for the notes: pls. see section 16 "Notes relating to the identification, classification and labelling of substances ((EC) No 1272/2008, Annex VI)".

### 3.3 Other information

Concentration data refers to the individual colors.

## SECTION 4: First aid measures

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## 4.1 Description of first aid measures

### General information

In case of persisting adverse effects, consult a physician. Remove contaminated clothing and shoes and launder thoroughly before reusing.

### After inhalation

Remove affected person from the immediate area. Ensure supply of fresh air.

### After skin contact

When in contact with the skin, clean with soap and water.

### 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

Rinse the mouth thoroughly with water. Call a doctor. Do not induce vomiting. 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

Extinguishing powder; Foam; Carbon dioxide; Water mist

#### Unsuitable extinguishing media

High power water jet

### 5.2 Special hazards arising from the substance or mixture

When exposed to high temperatures may produce hazardous decomposition products such as carbon monoxide, carbon dioxide and smoke.

### 5.3 Advice for firefighters

Use self-contained breathing apparatus. 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. Ensure adequate ventilation. Avoid contact with skin, eyes and clothing. Do not inhale vapours. 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

Pick up with absorbent material (e.g. sand, sawdust, general-purpose binder, kieselguhr). Send in suitable containers for recovery or disposal.

### 6.4 Reference to other sections

No data available.

## SECTION 7: Handling and storage

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## 7.1 Precautions for safe handling

### Advice on safe handling

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.

### General protective and hygiene measures

Keep away from foodstuffs and beverages. Do not eat, drink or smoke during work time. Wash hands before breaks and after work. Remove soiled or soaked clothing immediately. Wash soiled clothing. Do not inhale vapours. Avoid contact with eyes and skin. Provide eye wash fountain in work area. Have emergency shower available. Use barrier skin cream.

### Advice on protection against fire and explosion

Keep away from sources of ignition - refrain from smoking. Vapours can form an explosive mixture with air. Take precautionary measures against static charges.

## 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 of heat.

### 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	
	List of approved workplace exposure limits (WELs) / EH40		
	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	titanium dioxide; [not containing 1 % or more of particles with aerodynamic diameter ≤ 10 µm]	13463-67-7	236-675-5
	List of approved workplace exposure limits (WELs) / EH40		
	Titanium dioxide total inhalable dust		
	WEL long-term (8-hr TWA reference period)	10 mg/m <sup>3</sup>	
	List of approved workplace exposure limits (WELs) / EH40		
	Titanium dioxide respirable dust		
	WEL long-term (8-hr TWA reference period)	4 mg/m <sup>3</sup>	

### 8.2 Exposure controls

#### Appropriate engineering controls

No data available.

#### Personal protective equipment

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## 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.

Respiratory filter (gas) : A

## Eye / face protection

Safety glasses (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 > 8 h

## 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</b>			
liquid			
<b>Colour</b>			
white			
<b>Odour</b>			
ethereal			
<b>pH value</b>			
Not applicable			
<b>Boiling point / boiling range</b>			
Value	appr.	120	°C
<b>Melting point/freezing point</b>			
No data available			
<b>Decomposition temperature</b>			
No data available			
<b>Flash point</b>			
Value		31	°C
Method	DIN EN 456		
<b>Ignition temperature</b>			
Value	>	250	°C
Source	Literature value		
<b>Flammability</b>			
No data available			
<b>Lower explosion limit</b>			
Value		1.7	% vol

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Upper explosion limit			
Value	11.5	% vol	
Source	Literature value		
Vapour pressure			
Value	12	mbar	
Reference temperature	20	°C	
Relative vapour density			
No data available			
Relative density			
No data available			
Density			
Value	0.9	- 1.3	g/cm³
Reference temperature		20	°C
Solubility in water			
Comments	partially miscible		
Solubility			
No data available			
Partition coefficient n-octanol/water (log value)			
No data available			
Kinematic viscosity			
Value	appr.	30	sec
Method	DIN cup 3 mm		
Solvent content			
Value	<	82	%
Particle characteristics			
No data available			

## 9.2 Other information

Other information
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

None, when used as directed.

### 10.4 Conditions to avoid

Heat, naked flames and other ignition sources.

### 10.5 Incompatible materials

strong oxidizing agents

### 10.6 Hazardous decomposition products

No hazardous decomposition products known.

## SECTION 11: Toxicological information

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

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<b>Acute oral toxicity</b>
No data available
<b>Acute dermal toxicity</b>
No data available
<b>Acute inhalational toxicity</b>
No data available
<b>Skin corrosion/irritation</b>
No data available
<b>Serious eye damage/irritation</b>
No data available
<b>Respiratory or skin sensitisation</b>
No data available
<b>Germ cell mutagenicity</b>
No data available
<b>Reproduction toxicity</b>
No data available
<b>Carcinogenicity</b>
No data available
<b>STOT - single exposure</b>
No data available
<b>STOT - repeated exposure</b>
No data available
<b>Aspiration hazard</b>
No data available
<b>Endocrine disrupting properties</b>
No data available
<b>Symptoms related to the physical, chemical and toxicological characteristics</b>
The product can cause skin and eye irritation.

## 11.2 Information on other hazards

### Other information

No data available.

## SECTION 12: Ecological information

### 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>

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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

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.

Smaller quantities can be disposed with household garbage.

#### 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



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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

## 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, 75

The product contains following substance(s) that are considered being subject to REACH regulation (EC) 1907/2006 annex XVII.

No	Substance name	CAS no.	EC no.	No
1	2-methoxypropanol	1589-47-5	216-455-5	30

##### **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: P5c

##### **Directive 2010/75/EU on industrial emissions (integrated pollution prevention and control)**

VOC content < 85 %

##### **Other regulations**

Adhere to the national sanitary and occupational safety regulations when using this product.

### 15.2 Chemical safety assessment

A chemical safety assessment has not been carried out for this mixture.

## SECTION 16: Other information

#### **Further information**

Use restriction recommended by the manufacturer:

In large drums ink is for professional use only.

#### **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.

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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)**

H315	Causes skin irritation.
H318	Causes serious eye damage.
H335	May cause respiratory irritation.
H360D	May damage the unborn child.

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.