Trade name: edding 930 industry paint crayon (blue, yellow, white)

Current version: 1.0.0, Revision: 16.06.2026 **Replaced version:** 1.0.0, Revision: 15.06.2026 **Region:** GB

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

1.1 Product identifier

Trade name

edding 930 industry paint crayon (blue, yellow, white)

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

Relevant identified uses of the substance or mixture
Wax-based marking on surfaces

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 information
This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

2.2 Label elements

Not relevant

2.3 Other hazards

This product does not contain components considered to have endocrine disrupting properties according to REACH Article 57(f) or Commission Delegated regulation (EU) 2017/2100 or Commission Regulation (EU) 2018/605 at levels of 0.1% or higher.

PBT assessment
According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.

vPvB assessment
According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures

Hazardous ingredients

No	Substance name		Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration	%
1	**(2-METHOXYMETHYLETHOXY)PROPANOL**			
	34590-94-8 252-104-2 - -	-	>= 10.00 - < 30.00	wt%
2	**2-butoxyethanol**			
	111-76-2 203-905-0 603-014-00-0 01-2119475108-36	Acute Tox. 4; H302 Acute Tox. 3; H331 Skin Irrit. 2; H315 Eye Irrit. 2; H319	>= 5.00 - < 10.00	wt%

3	**titanium dioxide**			
	13463-67-7 236-675-5 - -	-	>= 50.00 - < 70.00	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**
2	1200 mg/kg bodyweight		

SECTION 4: First aid measures

4.1 Description of first aid measures

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

After inhalation
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).

After ingestion
Rinse the mouth thoroughly with water. 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
Alcohol resistant foam, CO2, powders, water spray

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 oxides (COx)

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.

For emergency responders
Personal protective equipment (PPE) - see section 8.

6.2 Environmental precautions

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

6.3 Methods and material for containment and cleaning up

Collect mechanically. When collected, handle material as described under the section heading "Disposal considerations".

6.4 Reference to other sections

Information regarding safe handling, see section 7. Information regarding personal protective measures, see section 8. Information regarding waste disposal, see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advice on safe handling
No special measures necessary.

General protective and hygiene measures
Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Wash hands before breaks and after work.

Advice on protection against fire and explosion
No special measures necessary.

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.

Requirements for storage rooms and vessels
Always keep in containers of same material as the original.

Incompatible products
Substances to be avoided, see section 10.

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	**titanium dioxide**	**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/m³		
	List of approved workplace exposure limits (WELs) / EH40				
	Titanium dioxide respirable dust				
	WEL long-term (8-hr TWA reference period)	4	mg/m³		
2	**(2-METHOXYMETHYLETHOXY)PROPANOL**	**34590-94-8**		**252-104-2**	
	2000/39/EC				
	(2-Methoxymethylethoxy)-propanol				
	WEL long-term (8-hr TWA reference period)	308	mg/m³	50	ppm
	Skin resorption / sensibilisation	Skin			
	List of approved workplace exposure limits (WELs) / EH40				
	(2-Methoxymethylethoxy) propanol				
	WEL long-term (8-hr TWA reference period)	308	mg/m³	50	ppm
	Comments	Sk			
3	**2-butoxyethanol**	**111-76-2**		**203-905-0**	
	2000/39/EC				
	2-Butoxyethanol				
	WEL short-term (15 min reference period)	246	mg/m³	50	ppm
	WEL long-term (8-hr TWA reference period)	98	mg/m³	20	ppm
	Skin resorption / sensibilisation	Skin			
	List of approved workplace exposure limits (WELs) / EH40				
	2-Butoxyethanol				
	WEL short-term (15 min reference period)	246	mg/m³	50	ppm
	WEL long-term (8-hr TWA reference period)	123	mg/m³	25	ppm
	Comments	Sk, BMGV			

DNEL, DMEL and PNEC values

DNEL values (worker)

No	Substance name			CAS / EC no	
	Route of exposure	**Exposure time**	**Effect**	**Value**	
1	**2-butoxyethanol**			**111-76-2** **203-905-0**	
	inhalative	Long term (chronic)	systemic	98.00	mg/m³
	inhalative	Short term (acut)	systemic	1091.00	mg/m³
	inhalative	Long term (chronic)	local	246.00	mg/m³

DNEL value (consumer)

No	Substance name			CAS / EC no
	Route of exposure	**Exposure time**	**Effect**	**Value**

1	**2-butoxyethanol**			**111-76-2** **203-905-0**	
	oral	Long term (chronic)	systemic	6.30	mg/kg/day
	oral	Short term (acut)	systemic	26.70	mg/kg/day
	inhalative	Long term (chronic)	systemic	59.00	mg/m³
	inhalative	Short term (acut)	systemic	426.00	mg/m³
	inhalative	Long term (chronic)	local	147.00	mg/m³

PNEC values

No	Substance name		CAS / EC no	
	ecological compartment	Type	Value	
1	**2-butoxyethanol**		**111-76-2** **203-905-0**	
	water	fresh water	8.80	mg/L
	water	marine water	0.88	mg/L
	water	fresh water sediment	34.60	mg/kg
	with reference to: dry weight			
	water	marine water sediment	3.46	mg/kg
	water	Aqua intermittent	26.4	mg/L
	soil	-	2.33	mg/kg dry weight
	sewage treatment plant	-	463.00	mg/L
	secondary poisoning	-	0.02	g/kg

8.2 Exposure controls

Appropriate engineering controls
Ensure adequate ventilation, local exhaust at the work station if necessary.

Personal protective equipment

Respiratory protection
Under normal working conditions no personal respiratory protection is necessary. If workplace exposure limits are exceeded, a respiration protection approved for this particular job must be worn.

Eye / face protection
Safety glasses (EN 166)

Hand protection
In case of intensive contact, wear protective gloves (EN 374). 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		
Appropriate Material	neoprene		
Appropriate Material	nitrile		
Material thickness	>	11	mm
Breakthrough time	<	480	min

Other
Chemical-resistant work clothes.

Environmental exposure controls
No data available.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

State of aggregation
solid

Colour
product specific

Odour
ether-like

pH value	
Not applicable	
reason for missing pH	substance/mixture is non-soluble (in water)

Boiling point / boiling range			
Value	~	180	°C

Melting point/freezing point			
Value	~	140	°C

Decomposition temperature
No data available

Flash point
No data available

Ignition temperature
No data available

Flammability
No data available

Lower explosion limit
No data available

Upper explosion limit
No data available

Vapour pressure
No data available

Relative vapour density
No data available

Relative density
No data available

Density			
Value	<	1	g/cm³
Reference temperature		20	°C

Solubility in water
none

Solubility
No data available

Partition coefficient n-octanol/water (log value)			
No	**Substance name**	**CAS no.**	**EC no.**
1	**2-butoxyethanol**	**111-76-2**	**203-905-0**
log Pow		0.81	
Reference temperature		25	°C
Source	ECHA		

Kinematic viscosity
No data available

Particle characteristics
No data available

9.2 Other information

Other information
No data available.

SECTION 10: Stability and reactivity

10.1 Reactivity
Non-reactive when stored in the original container and under normal storage and use conditions.

10.2 Chemical stability
Stable under recommended storage and handling conditions (See section 7).

10.3 Possibility of hazardous reactions
Dangerous reactions are not to be expected when handling product according to its intended use.

10.4 Conditions to avoid
High temperatures.

10.5 Incompatible materials
strong oxidizing agents; strong acids

10.6 Hazardous decomposition products
None, if handled according to intended use.

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	**2-butoxyethanol**	**111-76-2**		**203-905-0**
ATE		1200		mg/kg bodyweight
Species		rat		
Source		1272/2008/EC, Annex VI		

Acute dermal toxicity				
No	**Substance name**	**CAS no.**		**EC no.**
1	**2-butoxyethanol**	**111-76-2**		**203-905-0**
LD50		>	2000	mg/kg bodyweight
Species		guinea pig		
Method		OECD 402		
Source		ECHA		

Acute inhalational toxicity				
No	**Substance name**	**CAS no.**		**EC no.**
1	**2-butoxyethanol**	**111-76-2**		**203-905-0**
ATE		3		mg/l
Duration of exposure		4		h
State of aggregation		Vapour		
Species		rat		
Source		1272/2008/EC, Annex VI		

Skin corrosion/irritation				
No	**Substance name**	**CAS no.**		**EC no.**
1	**2-butoxyethanol**	**111-76-2**		**203-905-0**
Duration of exposure		4		h
Species		rabbit		
Method		EU B.4		
Source		ECHA		
Evaluation		irritant		

Serious eye damage/irritation				
No	**Substance name**	**CAS no.**		**EC no.**
1	**2-butoxyethanol**	**111-76-2**		**203-905-0**
Duration of exposure		24		h
Species		rabbit		
Method		OECD 405		
Source		ECHA		
Evaluation		Irritating to eyes		

Respiratory or skin sensitisation		
No	**Substance name**	**CAS no.** **EC no.**
1	**2-butoxyethanol**	**111-76-2** **203-905-0**
Route of exposure		Skin
Species		guinea pig
Method		OECD 406
Source		ECHA
Evaluation		non-sensitizing

Germ cell mutagenicity		
No	**Substance name**	**CAS no.** **EC no.**
1	**2-butoxyethanol**	**111-76-2** **203-905-0**
Method		OECD 471
Source		ECHA
Evaluation/classification		Based on available data, the classification criteria are not met.

Reproduction toxicity
No data available

Carcinogenicity		
No	**Substance name**	**CAS no.** **EC no.**
1	**2-butoxyethanol**	**111-76-2** **203-905-0**
Species		rat
Method		OECD 451
Source		ECHA
Evaluation/classification		Based on available data, the classification criteria are not met.

STOT - single exposure
No data available

STOT - repeated exposure

No	Substance name	CAS no.	EC no.
1	2-butoxyethanol	111-76-2	203-905-0
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	

Aspiration hazard
No data available

11.2 Information on other hazards

Endocrine disrupting properties
Product Name
edding 930 industry paint crayon (blue, yellow, white)
Pursuant to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605, the product does not contain any endocrine disruptors in a concentration of 0.1% weight by weight and above.

Other information
No data available.

SECTION 12: Ecological information

12.1 Toxicity

Toxicity to fish (acute)				
No	**Substance name**	**CAS no.**		**EC no.**
1	**2-butoxyethanol**	**111-76-2**		**203-905-0**
LC50		1474		mg/l
Duration of exposure		96		h
Species	Oncorhynchus mykiss			
Method	OECD 203			
Source	ECHA			

Toxicity to fish (chronic)				
No	**Substance name**	**CAS no.**		**EC no.**
1	**2-butoxyethanol**	**111-76-2**		**203-905-0**
NOEC	>	100		mg/l
Duration of exposure		21		day(s)
Species	Danio rerio			
Method	OECD 204			
Source	ECHA			

Toxicity to Daphnia (acute)				
No	**Substance name**	**CAS no.**		**EC no.**
1	**2-butoxyethanol**	**111-76-2**		**203-905-0**
EC50		1550		mg/l
Duration of exposure		48		h
Species	Daphnia magna			
Method	OECD 202			
Source	ECHA			

Toxicity to Daphnia (chronic)				
No	**Substance name**	**CAS no.**		**EC no.**
1	**2-butoxyethanol**	**111-76-2**		**203-905-0**
NOEC		100		mg/l
Duration of exposure		21		day(s)
Species	Daphnia magna			
Method	OECD 211			
Source	ECHA			

Toxicity to algae (acute)				
No	**Substance name**	**CAS no.**		**EC no.**
1	**2-butoxyethanol**	**111-76-2**		**203-905-0**
EC50		911		mg/l
Duration of exposure		72		h
Species	Pseudokirchneriella subcapitata			
Method	OECD 201			
Source	ECHA			

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	**2-butoxyethanol**	**111-76-2**		**203-905-0**	
Type	aerobic biodegradation				
Value		90.4	%		
Duration		28	day(s)		
Method	OECD 301 B				
Source	ECHA				
Evaluation	readily biodegradable				

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water (log value)					
No	**Substance name**	**CAS no.**		**EC no.**	
1	**2-butoxyethanol**	**111-76-2**		**203-905-0**	
log Pow		0.81			
Reference temperature		25	°C		
Source	ECHA				

12.4 Mobility in soil

No data available.

12.5 Results of PBT and vPvB assessment

Results of PBT and vPvB assessment	
Product Name	
edding 930 industry paint crayon (blue, yellow, white)	
PBT assessment	According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be PBT.
vPvB assessment	According to the information provided in the supply chain, the mixture does not contain > 0.1% of a substance that is considered to be vPvB.

12.6 Endocrine disrupting properties

Endocrine disrupting properties
Product Name
edding 930 industry paint crayon (blue, yellow, white)
Pursuant to REACH Article 57(f) or Commission Delegated Regulation (EU) 2017/2100 or Commission Delegated Regulation (EU) 2018/605, the product does not contain any endocrine disruptors in a concentration of 0.1% weight by weight and above.

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

Disposal of the product should be carried out in accordance with all applicable regulations following consultation with the responsible local authority and the disposal company in an authorised and suitable disposal facility.
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

Not classified as dangerous in the meaning of transport regulations.

14.2 UN proper shipping name

Not classified as dangerous in the meaning of transport regulations.

14.3 Transport hazard class(es)

Not classified as dangerous in the meaning of transport regulations.

14.4 Packing group

Not classified as dangerous in the meaning of transport regulations.

14.5 Environmental hazards
Not classified as dangerous in the meaning of transport regulations.

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 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-butoxyethanol	111-76-2	203-905-0	75

Directive 2012/18/EU on the control of major-accident hazards involving dangerous substances
This product is not subject to Part 1 or 2 of Annex I.

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

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)

H302	Harmful if swallowed.
H315	Causes skin irritation.
H319	Causes serious eye irritation.
H331	Toxic if inhaled.

Classification information
This product does not meet the classification and labelling criteria given in the Regulation (EC) No 1272/2008 (CLP).

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.

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