



EC Safety Data Sheet (SDS)

Product: Industry- Paint-Marker

current version: 2.0.3 – dated 01.08.2025

1. Identification of the substance / product and of the company/undertaking
1.1 Product identifier: Paint for Industry-Marker / Paint-Marker
Product code / art.-nr.: Industry-Marker superfine: 0815, 0839, 0853,0877,0891 Industry-Marker fine: 0914, 0938, 0952, 0976, 0990 Industry-Marker + Remove-Marker: 0488, 0501, 0525, 0549, 0563, 1027,1041,1065
1.2 Relevant identified uses of the substance or mixture and uses advised against: Relevant identified uses of the substance or mixture: marking and writing Uses advised against: No data available
1.3 Details of the supplier of the safety data sheet: Bleispitz GmbH Grünwalder Weg 32d D-82041 Oberhaching Germany Tel.: +49 (0)89 3575738-0 Fax: +49 (0)89 3575738-10 info@bleispitz.de

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 ecological assessment data based on the methods or standards referred to in Part 3, 4 and 5 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. 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.

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	>= 25.00 - < 85.00 %-b.w.
2	2,2'-[(3,3'-dichloro[1,1'-biphenyl]-4,4'-diyl)bis(azo)]bis[N-(4-chloro-2,5-dimethoxyphenyl)-3-oxobutyramide]		
	5567-15-7 226-939-8 -	Aquatic Chronic 3; H412	< 2.50 %-b.w.
3	Amines, C12-18-alkyldimethyl		
	68391-04-8 269-923-6 - -	Acute Tox. 4; H302 Aquatic Acute 1; H400 Aquatic Chronic 1; H410 Skin Corr. 1B; H314	< 0.10 %-b.w.
4	titanium-dioxide		
	13463-67-7 236-675-5 - -	-	>= 0.00 - < 30.00 %-b.w.

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

3.3 Other information:
Concentration data refers to the individual colors.

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 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: Separate eyelids, wash the eyes thoroughly with water (15 min.).

After ingestion: Rinse 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.

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.

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 sources of ignition.
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.

7. Handling and storage

7.1 Precautions for safe handling:
Advice on safe handling: Provide good ventilation of working 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 one.
Advice on storage assembly: Do not store together with: Oxidizing agents

7.3 Specific end use(s):
No data available.

8. Exposure controls / persona 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	
List of approved workplace exposure limits (WELs) / EH40					
1-Methoxypropan-2-ol					
	STEL	560	mg/m ³	150	ml/m ³
	TWA	375	mg/m ³	100	ml/m ³
	Skin resorption / sensibilisation	Sk			
2000/39/EC					
1-Methoxypropanol-2					
	STEL	568	mg/m ³	150	ppm
	TWA	375	mg/m ³	100	ppm
	Skin resorption / sensibilisation	Skin			

2	titanium-dioxide	13463-67-7	236-675-5
List of approved workplace exposure limits (WELs) / EH40			
Titanium dioxide			
total inhalable dust			
	TWA	10	mg/m ³
List of approved workplace exposure limits (WELs) / EH40			
Titanium dioxide			
respirable dust			
	TWA	4	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. 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.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties:

Form/Colour	liquid product specific
Odour	ethereal
Odour threshold	No data available
pH value	Not applicable

Boiling point / boiling range			
Value	appr.	120	°C
Melting point / melting range			
No data available			
Decomposition point / decomposition range			
No data available			
Flash point			
Value		31	°C
Method	DIN EN 456		
Ignition temperature			
Value	>	250	°C
Source	Literature value		
Auto-ignition temperature			
No data available			
Oxidising properties			
No data available			
Explosive properties			
No data available			
Flammability (solid, gas)			
No data available			
Lower flammability or explosive limits			
Value		1.7	% vol
Upper flammability or explosive limits			
Value		11.5	% vol
Source	Literature value		
Vapour pressure			
Value		12	mbar
Reference temperature		20	°C
Vapour density			
No data available			
Evaporation rate			
No data available			
Relative density			
No data available			
Density			
Value	0.98	- 1.2	g/cm ³
Reference temperature		20	°C
Solubility in water			
Remarks	partially miscible		
Solubility(ies)			
No data available			
Partition coefficient: n-octanol/water			
No data available			
Viscosity			
not determined			
Solvent content			
Value	<	82	%
9.2 Other information: No data available.			

10. Stability and reactivity			
10.1 Reactivity: No data available.			
10.2 Chemical stability:			

Stable under recommended storage and handling condition (See section 7).
10.3 Possibility of hazardous reactions: None, if handled according to order.
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.

11. Toxicological information

11.1 Information on toxicological effects:
Acute oral toxicity No data available
Acute dermal toxicity No data available
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
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
Symptoms related to the physical, chemical and toxicological characteristics The product can cause skin and eye irritation.

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 Other adverse effects: No data available.
12.7 Other information: Do not discharge product unmonitored into the environment.

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: Residuals 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.

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
Tunnel restriction code D/E
Label 3
14.2 Transport IMDG:
Class 3
Packing group III
UN number UN1263
Proper shipping name PAINT
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
Label	3
14.4 Other information: No data available	
14.5 Environmental hazards: Information on environmental hazards, if relevant, pls. see 14.1 - 14.3.	
14.6 Special precautions for user: No data available.	
14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code: Not relevant	

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, PREPARATIONS AND ARTICLES	
The product is considered being subject to REACH regulation (EC) 1907/2006 annexe XVII.	No 3, 40
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 1999/13/EC on the limitation of emissions of volatile organic compounds due to the use of organic solvents (VOC Directive)	
VOC content	< 82 %
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.	

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. EC Directives 2000/39/EC, 2006/15/EC, 2009/161/EC 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 chapter.	
Full text of the R-, H- and EUH- phrases drawn up in sections 2 and 3 (provided not already drawn up in these sections)	
H302	Harmful if swallowed.
H314	Causes severe skin burns and eye damage.
H400	Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects

This information is based on our present knowledge and experience.
The safety data sheet describes products with a view to safety requirements.
However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
Therefore Bleispitz GmbH assumes no responsibility for personal damage caused by the product. Users assume all risks associated with use.

Validated and verified by Bleispitz GmbH
01 August 2025