

Trade name: Boardmarker ink (brown) contained in: TZ1**Current version :** 3.0.0, issued: 07.07.2025**Replaced version:** 2.0.1, issued: 27.10.2022**Region:** GB**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name****Boardmarker ink (brown) contained in: TZ1****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**

Legamaster International B.V.

Kwinkweerd 62

Postbus 111

7240 AC Lochem

The Netherlands

Telephone no. +31 (0) 573-713000

Information provided by / telephone

+31 (0) 573-713000

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 Irrit. 2; H319

Flam. Liq. 2; H225

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

Danger

Hazardous component(s) to be indicated on label:

1-methoxy-2-propanol

Hazard statement(s)

H225

Highly flammable liquid and vapour.

H319

Causes serious eye irritation.

H336

May cause drowsiness or dizziness.

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.

P280

Wear protective gloves/protective clothing/eye protection/face protection.

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P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

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

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**Chemical characterization**

Alcoholic solution of organic pigments, binding agents and additives.

Hazardous ingredients

No	Substance name	Additional information	
	CAS / EC / Index / REACH no	Classification (EC) 1272/2008 (CLP)	Concentration %
1	ethanol		
	64-17-5 200-578-6 603-002-00-5 01-2119457610-43	Flam. Liq. 2; H225 Eye Irrit. 2; H319	>= 50.00 - < 70.00 wt%
2	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	>= 10.00 - < 25.00 wt%

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

No	Note	Specific concentration limits	M-factor (acute)	M-factor (chronic)
1	-	Eye Irrit. 2; H319: C >= 50%	-	-

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****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 persons from dangerous area by observing suitable respiratory protection measures. Ensure supply of fresh air.

After skin contact

In case of contact with skin wash off with 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). Get medical attention if pain still persists.

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.

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Carbon dioxide; Extinguishing powder; Water spray jet

Unsuitable extinguishing media

High power water jet

5.2 Special hazards arising from the substance or mixtureIn the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO)**5.3 Advice for firefighters**

Use self-contained breathing apparatus. Wear protective clothing. Containers close to fire should be transferred to a safe place. Cool closed containers exposed to fire with water.

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. Keep away from ignition sources.

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

Contain and collect spillage with non-combustible absorbent materials, e.g. sand, earth, vermiculite, diatomaceous earth and place in container for disposal according to local regulations (see section 13).

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**

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. Avoid formation of aerosols. Keep ignition sources away

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Do not inhale vapours. Avoid contact with eyes and skin. Wash hands before breaks and after work. Remove contaminated clothing and shoes and launder thoroughly before reusing.

Advice on protection against fire and explosion

Vapours can form an explosive mixture with air. Isolate from sources of heat, sparks and open flame. Take precautionary measures against electrostatic loading (earthing necessary during loading operations). Use explosion proof electric equipment.

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.

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	ethanol	64-17-5	200-578-6
List of approved workplace exposure limits (WELs) / EH40			
	Ethanol		

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	WEL long-term (8-hr TWA reference period)	1920	mg/m ³	1000	ppm
2	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 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			

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

DNEL values (worker)					
No	Substance name			CAS / EC no	
	Route of exposure	Exposure time	Effect	Value	
1	ethanol			64-17-5 200-578-6	
	dermal	Long term (chronic)	systemic	8238	mg/kg/day
	inhalative	Long term (chronic)	systemic	380	mg/m³
2	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/m³
	inhalative	Short term (acute)	local	553.5	mg/m³
	inhalative	Short term (acute)	systemic	553.5	mg/m³

DNEL value (consumer)

DNEL values (consumer)				
No	Substance name			CAS / EC no
	Route of exposure	Exposure time	Effect	Value
1	ethanol			64-17-5 200-578-6
	inhalative	Long term (chronic)	systemic	114 mg/m³
2	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/m³

PNEC values

PNEC values			
No	Substance name		CAS / EC no
	ecological compartment	Type	Value
1	ethanol		64-17-5 200-578-6
	water	fresh water	0.96 mg/L
	water	marine water	0.79 mg/L
	water	fresh water sediment	3.6 mg/kg dry weight
	water	marine water sediment	2.9 mg/L
	soil	-	0.63 mg/kg dry weight
	sewage treatment plant	-	580 mg/L
	secondary poisoning with reference to: food	-	0.38 g/kg
2	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

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Provide adequate ventilation. Where reasonably practicable this should be achieved by the use of local exhaust ventilation and good general extraction. If these are not sufficient to maintain concentrations of particulates and solvent vapour below the OEL (=Occupational Exposure Limit), suitable respiratory protection must be worn.

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.

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.

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	
liquid	
Form	
liquid	
Colour	
brown	
Odour	
Product specific	
pH value	
No data available	
Boiling point / boiling range	
Value	78 °C
Reference substance	Ethanol
Source	supplier
Melting point/freezing point	
No data available	
Decomposition temperature	
No data available	
Flash point	
Value	13 °C
Reference substance	Ethanol
Source	supplier
Ignition temperature	
Value	287 °C
Reference substance	1-methoxy-2-propanol
Source	supplier
Auto-ignition temperature	
Source	supplier
Comments	Product is not selfigniting.
Explosive properties	
The product is not explosive, but the formation of explosive vapour/air mixtures is possible.	
Source	supplier
Flammability	
Liquid and vapour are highly flammable.	
Source	supplier
Lower explosion limit	
Value	1.5 % vol

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Reference substance Source	1-methoxy-2-propanol supplier
Upper explosion limit	
Value	15 % vol
Reference substance Source	Ethanol supplier
Vapour pressure	
Value	59 hPa
Reference temperature	20 °C
Reference substance Source	Ethanol supplier
Relative vapour density	
No data available	
Relative density	
No data available	
Density	
No data available	
Solubility in water	
Source	supplier
Comments	Completely miscible
Solubility	
No data available	
Partition coefficient n-octanol/water (log value)	
No	Substance name
CAS no.	EC no.
1	ethanol
64-17-5	200-578-6
log Pow	-0.35
Reference temperature	24 °C
with reference to	pH 7,4
Method	OECD 107
Source	ECHA
2	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	9 mPa*s
Reference temperature	20 °C
Type	dynamic
Source	supplier
Solvent content	
Value	80.2 %
Solids content	
Value	5.8 %
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

No dangerous reactions known.

10.4 Conditions to avoid

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No data available.

10.5 Incompatible materials

No data available.

10.6 Hazardous decomposition products

No hazardous decomposition products known. In case of fire: see section 5.

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	ethanol	64-17-5	200-578-6
LD50		10470	mg/kg bodyweight
Species	rat		
with reference to	95% ethanol in water		
Method	OECD 401		
Source	ECHA		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	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		
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			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
LC50		124.7	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	ethanol	64-17-5	200-578-6
Species	rabbit		
Method	OECD 404		
Source	ECHA		
Evaluation	non-irritant		
Evaluation/classification	Based on available data, the classification criteria are not met.		
2	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	ethanol	64-17-5	200-578-6
Species	rabbit		
Method	OECD 405		
Source	ECHA		
Evaluation	irritant		
Evaluation/classification	Based on available data, the classification criteria are met.		
2	1-methoxy-2-propanol	107-98-2	203-539-1
Species	rabbit		
Method	2004/73/EEC, B.5		
Source	ECHA		

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Evaluation	non-irritant		
Respiratory or skin sensitisation			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
Route of exposure		respiratory tract	
Source		ECHA	
Evaluation		non-sensitizing	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Route of exposure		Skin	
Species		mouse	
Source		ECHA	
Evaluation		non-sensitizing	
Evaluation/classification		Based on available data, the classification criteria are not met.	
2	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	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
Type of examination		in vitro gene mutation study in bacteria	
Species		Salmonella typhimurium	
Method		OECD 471	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Type of examination		in vitro gene mutation study in mammalian cells	
Species		mouse lymphoma cells	
Method		OECD 476	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Type of examination		Genotoxicity in vivo	
Species		mouse	
Method		OECD 478	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Reproduction toxicity			
No	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
Route of exposure		oral	
NOAEL			
Type of examination		2 generation study	
Species		mouse	
Method		OECD 416	
Source		ECHA	
Evaluation/classification		Based on available data, the classification criteria are not met.	
Route of exposure		inhalational	
NOAEL		>= 20000	ppm
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	Substance name	CAS no.	EC no.
1	ethanol	64-17-5	200-578-6
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	ethanol	64-17-5	200-578-6
Route of exposure		oral	
Duration of exposure		14	week/s

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Species	rat
Target organ	kidneys
Method	OECD 408
Source	ECHA
Evaluation/classification	Based on available data, the classification criteria are not met.

Aspiration hazard
No data available

Endocrine disrupting properties
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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.

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**Other information**

No data available.

SECTION 12: Ecological information**12.1 Toxicity**

Toxicity to fish (acute)				
No	Substance name	CAS no.	EC no.	
1	ethanol	64-17-5	200-578-6	
LC50		14200	mg/l	
Duration of exposure		96	h	
Species	Pimephales promelas			
Method	EPA			
Source	ECHA			
2	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	ethanol	64-17-5	200-578-6	
EC50		5012	mg/l	
Duration of exposure		48	h	
Species	Ceriodaphnia dubia			
Method	ASTM Standard E 729-80			
Source	ECHA			
2	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	Substance name	CAS no.	EC no.	
1	ethanol	64-17-5	200-578-6	
NOEC		9.6	mg/l	
Duration of exposure		9	day(s)	
Species	Daphnia magna			
Source	ECHA			

Toxicity to algae (acute)			
No	Substance name	CAS no.	EC no.

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1	ethanol	64-17-5	200-578-6
EC50		275	mg/l
Duration of exposure		72	h
Species	Chlorella vulgaris		
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	ethanol	64-17-5	200-578-6
Type	aerobic biodegradation		
Value	appr.	84	%
Duration		20	day(s)
Source	ECHA		
Evaluation	readily biodegradable		
2	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	ethanol	64-17-5	200-578-6
log Pow		-0.35	
Reference temperature		24	°C
with reference to	pH 7,4		
Method	OECD 107		
Source	ECHA		
2	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

Results of PBT and vPvB assessment	
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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	
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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.

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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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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.

Trade name: Boardmarker ink (brown) contained in: TZ1

Current version : 3.0.0, issued: 07.07.2025**Replaced version:** 2.0.1, issued: 27.10.2022**Region:** GB

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)

H226 Flammable liquid and vapour.

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

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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Prod-ID 643919