

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

### Whiteboardmarker Ink RED

Print date: 27.10.2015

Product code: 100-036-625

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

##### 1.1. Product identifier

Whiteboardmarker Ink

##### Further trade names

Included in

Whiteboardmarker 158621 / 158321

Whiteboardmarker Refill 158421

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

##### Use of the substance/mixture

Ink in writing instrument.

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

##### Supplier:

Faber-Castell Australia Pty Ltd  
15 Gibbon Road  
Winston Hills NSW 2153  
Toll Free: 1800 677 885  
Free Fax: 1800 678 608  
Email: [enquiries@faber-castell.com.au](mailto:enquiries@faber-castell.com.au)

##### Further Information Obtainable From

##### Australian Emergency Telephone Number:

Poisons Information Centre  
Telephone: 131126

#### SECTION 2: Hazards identification

##### 2.1. Classification of the substance or mixture

##### Regulation (EC) No. 1272/2008

Hazard categories:

Flammable liquid: Flam. Liq. 2

Specific target organ toxicity - single exposure: STOT SE 3

Hazard Statements:

Highly flammable liquid and vapour.

May cause drowsiness or dizziness.

##### 2.2. Label elements

##### Regulation (EC) No. 1272/2008

##### Hazardous components which must be listed on the label

1-methoxy-2-propanol; monopropylene glycol methyl ether

Signal word: Danger

Pictograms:



##### Hazard statements

H225

Highly flammable liquid and vapour.

H336

May cause drowsiness or dizziness.

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#### Precautionary statements

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.
P233	Keep container tightly closed.
P240	Ground/bond container and receiving equipment.
P241	Use explosion-proof electrical/ventilating/lighting equipment.
P242	Use only non-sparking tools.
P243	Take precautionary measures against static discharge.
P261	Avoid breathing dust/fume/gas/mist/vapours/spray.
P271	Use only outdoors or in a well-ventilated area.
P280	Wear protective gloves/protective clothing/eye protection/face protection.
P303+P361+P353	IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.
P304+P340	IF INHALED: Remove person to fresh air and keep comfortable for breathing.
P312	Call a POISON CENTER/doctor if you feel unwell.
P370+P378	In case of fire: Use Kohlendioxid (CO <sub>2</sub> ), Löschpulver, Foam, Water spray. to extinguish.
P235	Keep cool.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.

#### 2.3. Other hazards

No data.

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

##### Chemical characterization

Alcohol-based inks with dyestuff and additives.

##### Hazardous components

CAS No	Chemical name			Quantity
	EC No	Index No	REACH No	
	Classification according to Regulation (EC) No. 1272/2008 [CLP]			
64-17-5	ethanol, ethyl alcohol			55 - < 60 %
	200-578-6	603-002-00-5	01-2119457610-43	
	Flam. Liq. 2; H225			
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether			20 - < 25 %
	203-539-1	603-064-00-3	01-2119457435-35	
	Flam. Liq. 3, STOT SE 3; H226 H336			

Full text of H and EUH statements: see section 16.

##### Further Information

Full text of H- and EUH-statements: see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

##### General information

Show this safety data to the medicating physician.

##### After inhalation

Provide fresh air. In case of accident or unwellness, seek medical advice immediately (show directions for use

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or safety data sheet if possible).

#### After contact with skin

Wash with warm water and soap. Change contaminated clothing.

#### After contact with eyes

Wash eyes when eyelid opened with soft and clean water for 15 minutes.

#### After ingestion

Rinse mouth immediately and drink plenty of water. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

#### **4.2. Most important symptoms and effects, both acute and delayed**

No known symptoms to date.

#### **4.3. Indication of any immediate medical attention and special treatment needed**

No data.

### SECTION 5: Firefighting measures

#### **5.1. Extinguishing media**

##### **Suitable extinguishing media**

Water. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Sand.

##### **Unsuitable extinguishing media**

For this substance / preparation no extinguishing agent restriction exist.

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

This material is combustible and can be ignited by heat, sparks, flames, or other sources of ignition (e.g. static electricity, pilot lights, or mechanical/electrical equipment).

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

Wear a self-contained breathing apparatus and chemical resistant suit. Water spray may be used to cool closed containers. Heating causes rise in pressure with risk of bursting. Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

### SECTION 6: Accidental release measures

#### **6.1. Personal precautions, protective equipment and emergency procedures**

Avoid contact with skin and clothes. Avoid contact with skin. Change contaminated clothing. Wear personal protection equipment. Keep away unguarded persons. Remove all sources of ignition. Provide adequate ventilation.

#### **6.2. Environmental precautions**

Do not allow to enter into surface water or drains.

#### **6.3. Methods and material for containment and cleaning up**

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents). Treat the recovered material as prescribed in the section on waste disposal.

#### **6.4. Reference to other sections**

Information for safe handling, see section 7.

Information for personal protective equipment, see section 8.

Information for disposal, see section 13.

### SECTION 7: Handling and storage

#### **7.1. Precautions for safe handling**

##### **Advice on safe handling**

Avoid contact with skin and clothes. Avoid contact with skin. Change contaminated clothing. Keep container tightly closed. Secure an adequate ventilation. Emergency eye showers should be directly close-by.

##### **Advice on protection against fire and explosion**

Avoid sparks, flames and electrostatic charging. Use only non-sparking tools. Keep away from sources of

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ignition. - No smoking. Take precautionary measures against static discharges.

#### Further information on handling

Keep away from food, beverages and feeding stuff. Do not eat, drink or smoke when using this product. Wash hands before breaks and after work.

#### 7.2. Conditions for safe storage, including any incompatibilities

##### Requirements for storage rooms and vessels

Keep in a cool, well-ventilated place.

Recommended storage temperature: 5 - 35 °C

##### Advice on storage compatibility

Store separated from oxidizing agents. Keep away from food, beverages and feeding stuff.

##### Further information on storage conditions

Protect against: heat.

#### 7.3. Specific end use(s)

No data.

### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters

##### Exposure limits (EH40)

CAS No	Substance	ppm	mg/m <sup>3</sup>	fibres/ml	Category	Origin
107-98-2	1-Methoxypropan-2-ol	100	375		TWA (8 h)	WEL
		150	560		STEL (15 min)	WEL
64-17-5	Ethanol	1000	1920		TWA (8 h)	WEL
		-	-		STEL (15 min)	WEL

##### Additional advice on limit values

Keep away fire.

#### 8.2. Exposure controls

##### Appropriate engineering controls

Additional information: TA-Luft: Klasse III

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

##### Protective and hygiene measures

Remove contaminated, saturated clothing immediately. Protect skin by using skin protective cream. After work, wash hands and face. When using do not eat or drink.

##### Eye/face protection

Wear eye/face protection.

##### Skin protection

Body protection must be chosen depending on activity and possible exposure, eg Apron, protecting boots, chemical-protection suit (according to EN 14605 in case of splashes or EN ISO 13982 in case of dust).

##### Respiratory protection

This product should not be used under conditions of poor ventilation unless a protective mask with an appropriate gas filter (i.e. type A1 according to standard EN 14387) is used.

##### Environmental exposure controls

Do not allow the product to enter the drains. Do not discharge into the subsoil / soil.

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## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state:	liquid
Colour:	rot
Odour:	alcoholic

#### Test method

pH-Value:	No data.
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#### Changes in the physical state

Melting point:	<-20 °C
Initial boiling point and boiling range:	78 °C
Sublimation point:	No data.
Softening point:	No data.
Pour point:	No data.
:	No data.

Flash point:	13 °C
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Sustaining combustion:	Sustaining combustion
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#### Flammability

Solid:	No data.
Gas:	No data.

#### Explosive properties

not Explosive.  
The formation of an explosive vapour-air mixture is possible.

Lower explosion limits:	1,7 vol. %
Upper explosion limits:	15 vol. %
Ignition temperature:	287 °C

#### Auto-ignition temperature

Solid:	No data.
Gas:	No data.

Decomposition temperature:	No data.
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#### Oxidizing properties

Not self-igniting.

Vapour pressure: (at 20 °C)	59 hPa
Vapour pressure: (at 50 °C)	293 hPa

Density (at 20 °C):	ca. 1 g/cm <sup>3</sup>
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Bulk density:	No data.
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Water solubility:	partially miscible
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#### Solubility in other solvents

No data.

Partition coefficient:	No data.
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Viscosity / dynamic: (at 20 °C)	No data.
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Viscosity / kinematic:	No data.
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Flow time:	No data.
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Vapour density:	No data.
Evaporation rate:	No data.
Solvent separation test:	No data.
Solvent content:	79,4%

#### 9.2. Other information

Solid content:	No data.
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### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

No data.

#### 10.2. Chemical stability

No decomposition, if the regulations/references for storage and handling are respected.

#### 10.3. Possibility of hazardous reactions

No data.

#### 10.4. Conditions to avoid

Avoid sparks, flames and electrostatic charging.

#### 10.5. Incompatible materials

Alkali metals. Alkaline earth metals. strong oxidizers

#### 10.6. Hazardous decomposition products

In case of fire may be liberated: Carbon monoxide. Carbon dioxide (CO<sub>2</sub>).

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

##### Acute toxicity

CAS No	Chemical name				
	Exposure routes	Method	Dose	Species	Source
64-17-5	ethanol, ethyl alcohol				
	oral	LD50	6200 mg/kg	Ratte	IUCLID
	inhalative (4 h) vapour	LC50	95,6 mg/l	Ratte	RTECS
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether				
	oral	LD50	> 5000 mg/kg	Ratte	IUCLID
	dermal	LD50	11000 mg/kg	Kaninchen	

##### Irritation and corrosivity

Vapours may cause drowsiness and dizziness.

Primary irritation:

Irritant effect on the skin: None.

Irritant effect on the eye: None.

##### Sensitising effects

No sensitizing effects known.

##### Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

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## SECTION 12: Ecological information

### 12.1. Toxicity

CAS No	Chemical name				
	Aquatic toxicity	Method	Dose	[h]   [d]	Species
64-17-5	ethanol, ethyl alcohol				
	Acute crustacea toxicity	EC50 mg/l	9268 - 14221	48 h	Daphnia magna
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether				
	Acute fish toxicity	LC50 mg/l	4600 - 10000	96 h	Leuciscus idus
	Acute algae toxicity	ErC50	> 1000 mg/l	72 h	Selenastrum capricornutum
	Acute crustacea toxicity	EC50	> 500 mg/l	48 h	Daphnia magna

### 12.2. Persistence and degradability

No data.

### 12.3. Bioaccumulative potential

No data.

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
64-17-5	ethanol, ethyl alcohol	-0,31
107-98-2	1-methoxy-2-propanol; monopropylene glycol methyl ether	-0,437

### 12.4. Mobility in soil

No data.

### 12.5. Results of PBT and vPvB assessment

The substance in the mixture does not meet the PBT/vPvB criteria according to REACH, annex XIII.

### 12.6. Other adverse effects

No data.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods

#### Advice on disposal

Waste disposal according to official state regulations and local regulations.

German Waste Catalogue - Waste code: 80102

Disposal identification: Colours without halogenated solvents. Alcohol-based inks.

#### Contaminated packaging

Clean with ethanol. Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

## SECTION 14: Transport information

### Land transport (ADR/RID)

14.1. **UN number:** UN 1263

14.2. **UN proper shipping name:** Paint

14.3. **Transport hazard class(es):** 3

14.4. **Packing group:** II

Hazard label: 3

Classification code: F1

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Special Provisions:	163 640C 650
Limited quantity:	5L
Excepted quantity:	E2
Transport category:	2
Hazard No:	33
Tunnel restriction code:	D/E

#### Inland waterways transport (ADN)

<b>14.1. UN number:</b>	UN 1263
<b>14.2. UN proper shipping name:</b>	Paint
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3
Classification code:	F1
Special Provisions:	163 640C 650
Limited quantity:	5 L
Excepted quantity:	E2

#### Marine transport (IMDG)

<b>14.1. UN number:</b>	UN 1263
<b>14.2. UN proper shipping name:</b>	1263 Paint
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3
Marine pollutant:	No
Special Provisions:	163
Limited quantity:	5 L
Excepted quantity:	E2
EmS:	F-E, S-E

#### Other applicable information (marine transport)

Proper shipping name: Paint

#### Air transport (ICAO)

<b>14.1. UN number:</b>	UN 1263
<b>14.2. UN proper shipping name:</b>	1263 Paint
<b>14.3. Transport hazard class(es):</b>	3
<b>14.4. Packing group:</b>	II
Hazard label:	3
Special Provisions:	A3 A72
Limited quantity Passenger:	1 L
Passenger LQ:	Y341
Excepted quantity:	E2
IATA-packing instructions - Passenger:	353
IATA-max. quantity - Passenger:	5 L
IATA-packing instructions - Cargo:	364
IATA-max. quantity - Cargo:	60 L

#### Other applicable information (air transport)

Proper shipping name: Paint

#### 14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

#### 14.6. Special precautions for user

No data.



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#### **14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**

No data.

#### **Other applicable information**

The transport regulations are cited according to international regulations and in the form applicable in Germany (GGVSE). Possible national deviations in other countries are not considered.

### **SECTION 15: Regulatory information**

#### **15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

##### **EU regulatory information**

2010/75/EU (VOC): 76,979 % (769,788 g/l)

2004/42/EC (VOC): 76,979 % (769,788 g/l)

##### **National regulatory information**

Water contaminating class (D): 1 - slightly water contaminating

#### **15.2. Chemical safety assessment**

For this substance a chemical safety assessment has not been carried out.

### **SECTION 16: Other information**

#### **Relevant H and EUH statements (number and full text)**

H225 Highly flammable liquid and vapour.

H226 Flammable liquid and vapour.

H336 May cause drowsiness or dizziness.

#### **Further Information**

The information is based on present level of our knowledge. It does not, however, give assurances of product properties and establishes no contract legal rights.

The receiver of our product is singularly responsible for adhering to existing laws and regulations.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*