

19910-2350

Material Safety Data Sheet

according to Regulation (EC) 1907/2006

Product name : Coversall Marker
 schwarz
 Revision : 29.02.2012
 Print date : 25.07.2012
 Version (Revision) : 5.1.0 (5.0.0)

1. Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Filzschreiberfarbe 2180
 schwarz (15033484001038)

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

Industrial marking ink

1.3 Details of the supplier of the safety data sheet

Manufacturer/Supplier : Feuerstein GmbH
 Street/P.O.Box : Willi-Brandt-Str.9/2
 Country code/Postal code/Town/City : D-77933 Lahr
 Telephone : +49(0)7821 /92229-0

Contact : Feuerstein GmbH
 +49(0)7821 /92229-0

1.4 Emergency telephone number

+49(0)7821 /92229-0

2. Hazards identification

2.1 Classification of the substance or mixture

Directive 67/548/EEC or 1999/45/EC
 Highly flammable. · Vapours may cause drowsiness and dizziness.
 F ; R 11 · R 67

Regulation (EC) No 1272/2008 (GHS)
 Highly flammable liquid and vapour. · May cause drowsiness or dizziness.
 Flam. Liq. 2 ; H225 · STOT SE 3 ; H336

2.2 Label elements

Directive 67/548/EEC or 1999/45/EC

Danger symbol and danger designation



F ; Highly flammable

R-phrases

11 Highly flammable.
 67 Vapours may cause drowsiness and dizziness.

S-phrases

51 Use only in well-ventilated areas.
 16 Keep away from sources of ignition - No smoking.
 7 Keep container tightly closed.

Regulation (EC) No 1272/2008 (GHS)

Hazard pictograms

Material Safety Data Sheet according to Regulation (EC) 1907/2006

Product name : Coversall Marker
schwarz
Revision : 29.02.2012
Print date : 25.07.2012
Version (Revision) : 5.1.0 (5.0.0)



Flame (GHS02) · Exclamation mark (GHS07)

Signal word

Danger

Hazard statements

H225 Highly flammable liquid and vapour.
H336 May cause drowsiness or dizziness.

Precautionary statements

P210 Keep away from heat/sparks/open flames/hot surfaces. - No smoking.
P233 Keep container tightly closed.
P312 Call a POISON CENTER or doctor/physician if you feel unwell.
P304/340 IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P403/235 Store in a well-ventilated place. Keep cool.
P501 Dispose of contents/container to ...

2.3 Other hazards

None.

3. Composition/information on ingredients

3.2 Mixtures

Hazardous components

1-METHOXY-2-PROPANOL ; EC-No. : 203-539-1; CAS-No. : 107-98-2

Percentage : 20 - 25 %
Classification 67/548/EEC : R10 R67
Classification 1272/2008 (GHS) : Flam. Liq. 3 ; H226 STOT SE 3 ; H336

C.I. Solvent blue 70 ; EC-No. : 304-661-9

Percentage : 1 - 5 %
Classification 67/548/EEC : R52/53
Classification 1272/2008 (GHS) : Aquatic Chronic 3 ; H412

For the wording of the listed risk phrases refer to section 16.

4. First aid measures

4.1 Description of first aid measures

General

Immediately remove all contaminated clothing.

After inhalation

Let in fresh air.

After skin contact

Wash away with soap and water and rinse.

After eye contact

Flush with plenty of water (10 - 15 min.). Call a physician.

After ingestion

Drink plenty of water.

4.2 Most important symptoms and effects, both acute and delayed

None known.

4.3 Indication of any immediate medical attention and special treatment needed

Material Safety Data Sheet according to Regulation (EC) 1907/2006

Product name : Coversall Marker
schwarz
Revision : 29.02.2012
Print date : 25.07.2012
Version (Revision) : 5.1.0 (5.0.0)

None.

5. Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Alcohol resistant foam, CO2, powders, water spray.

5.2 Special hazards arising from the substance or mixture

None.

5.3 Advice for firefighters

None.

5.4 Additional information

Cool endangered containers with water in case of fire.

6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Keep away from ignition sources on account of the organic solvent content and air room well. Do not inhale vapours.

6.2 Environmental precautions

Take up with a liquid absorbing material and proceed according to the waste disposal regulations. Do not empty into drains.

6.3 Methods and material for containment and cleaning up

Remove mechanically, take-up residues with absorbing material.

6.4 Reference to other sections

None.

7. Handling and storage

7.1 Precautions for safe handling

Information for safe handling

Normal precautions taken when handling chemicals should be observed. Only use in locations with adequate suction ventilation.

Information about protection against explosions and fires

Take precautionary measures against static discharges. Keep away from ignition sources and provide for good ventilation.

7.2 Conditions for safe storage, including any incompatibilities

Requirements to be met by storerooms and containers

Do not leave vessels open, earth storage containers.

Information about separation of incompatible products

Store the foodstuffs separately. Keep away from oxidizing agents, from strongly alkaline and strongly acid materials.

Further information about storage conditions

Store containers tightly closed in a cool well ventilated place.

Storage class : 3

7.3 Specific end use(s)

None.

8. Exposure controls/personal protection

8.1 Control parameters

ETHANOL ; CAS-No. : 64-17-5

Specification : TRGS 900 (D)

Material Safety Data Sheet according to Regulation (EC) 1907/2006

Product name : Coversall Marker
schwarz
Revision : 29.02.2012
Print date : 25.07.2012
Version (Revision) : 5.1.0 (5.0.0)

Value : 500 ppm / 960 mg/m³
Category : 2(II)
Remarks : Y
Version date : 02.07.2009
1-METHOXY-2-PROPANOL ; CAS-No. : 107-98-2
Specification : TRGS 900 (D)
Value : 100 ppm / 370 mg/m³
Category : 2(I)
Remarks : Y
Version date : 02.07.2009
Specification : STEL (EC)
Value : 150 ppm / 568 mg/m³
Remarks : H
Version date : 08.06.2000
Specification : TWA (EC)
Value : 100 ppm / 375 mg/m³
Remarks : H
Version date : 08.06.2000

8.2 Exposure controls

Personal protective equipment

General protective and hygiene measures

The usual precautionary measures for the handling of chemicals have to be observed.

Hand protection

Use protective butyl rubber gloves (0,5 mm). Permeationtime of glovematerial: level >= 240 min (4h) EN374

Eye protection

Use tightly fitting safety glasses.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Image

Form : Liquid.
Colour : Coloured.
Odour : Noticeable.

Relevant safety data

Boiling temperature / boiling range :	(1013 hPa)	>	70 °C	
Flash point :		<	21 °C	Brookfield
Vapour pressure :	(50 °C)	<	1100 hPa	
Density :	(20 °C)		0,8 - 1,2 g/cm ³	
Solvent separation test :	(20 °C)	<	3 %	
Flow time :	(20 °C)		12 - 80 s	DIN-cup 4 mm

9.2 Other information

The physical specifications are approximate values and refer to the used safety relevant component(s).

10. Stability and reactivity

10.1 Reactivity

There are no data available on the product itself.

10.2 Chemical stability

There are no data available on the product itself.

Material Safety Data Sheet according to Regulation (EC) 1907/2006

Product name : Coversall Marker
schwarz
Revision : 29.02.2012
Print date : 25.07.2012
Version (Revision) : 5.1.0 (5.0.0)

10.3 Possibility of hazardous reactions

There are no data available on the product itself.

10.4 Conditions to avoid

None, if handled according to order.

10.5 Incompatible materials

Keep away from oxidizing agents, strongly alkaline and strongly acid materials in order to avoid exothermic reactions. In connection with inorganic and organic acids, acid chlorides and Formation of hydrogen by acids, lyes, moisture possible.

10.6 Hazardous decomposition products

There are no data available on the product itself.

11. Toxicological information

11.1 Information on toxicological effects

LD50/LCS0 values that are relevant for classification

Specification :	LD50 (1-METHOXY-2-PROPANOL ; CAS-No. : 107-98-2)
Routes of entry :	Oral
Test species :	Rat
Value / dosage :	5660 mg/kg
Specification :	LD50 (1-METHOXY-2-PROPANOL ; CAS-No. : 107-98-2)
Routes of entry :	Dermal
Test species :	Rabbit
Value / dosage :	9999,99 mg/kg

11.2 Experience on practice

Slight narcotic effect. Prolonged inhalation of vapours in high concentrations may lead to headache, giddiness and nausea.

12. Ecological information

12.1 Toxicity

There are no data available on the product itself.

12.2 Persistence and degradability

In case of appropriate conduction into adapted biological purification plants no disturbances have to be expected.

12.3 Bioaccumulative potential

There are no data available on the product itself.

12.4 Mobility in soil

There are no data available on the product itself.

12.5 Results of PBT and vPvB assessment

There are no data available on the product itself.

12.6 Other adverse effects

There are no data available on the product itself.

12.7 Additional information

Do not empty into waters or drains.

13. Disposal considerations

13.1 Waste treatment methods

Recommendation

In accordance with local official regulations.

Waste key

- 080111

Contaminated packaging

Material Safety Data Sheet

according to Regulation (EC) 1907/2006

Product name : Coversall Marker
 Revision : 29.02.2012
 Print date : 25.07.2012

Version (Revision) : 5.1.0 (5.0.0)

Contaminated packaging must be emptied of all residues and, following appropriate cleaning, may be sent to a recycling plant. (Waste code 080112 contains no org. solvents). Uncleaned packaging must be disposed of in the same manner as the medium. (Waste code 150110)

14. Transport information

- 14.1 UN number
1263
- 14.2 UN proper shipping name
ADR/RID
PAINT RELATED MATERIAL
IMDG-Code
PAINT RELATED MATERIAL
ICAO-TI / IATA-DGR
PAINT RELATED MATERIAL
- 14.3 Transport hazard class(es)
- | | |
|---------------------------|------|
| ADR/RID | |
| Class : | n.a. |
| Classification-Code : | n.a. |
| Kemlercode : | n.a. |
| Tunnel restriction code : | n.a. |
| Special provisions : | n.a. |
| Label : | n.a. |
| IMDG-Code | |
| Class : | n.a. |
| EmS number : | n.a. |
| Special provisions : | n.a. |
| Label : | n.a. |
| ICAO-TI / IATA-DGR | |
| Class : | n.a. |
| Special provisions : | n.a. |
| Label : | n.a. |
- 14.4 Packing group
II
- 14.5 Environmental hazards
ADR/RID : -
IMDG-Code : -
ICAO-TI / IATA-DGR : -
- 14.6 Special precautions for user
None.
- 14.7 USA DOT TRANSPORT (ground)
Special Provisions:
CFR172.102 149 and
CFR173.150(b)(2)
Allow this product to be reclassified as ORM-D / Consumer commodity
9-13-12.

Material Safety Data Sheet according to Regulation (EC) 1907/2006

Product name : Coversall Marker
schwarz
Revision : 29.02.2012
Print date : 25.07.2012
Version (Revision) : 5.1.0 (5.0.0)

15. Regulatory information

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

National regulatory information
Water pollution classification
Class : 1 Classification according to VwVwS

15.2 Chemical safety assessment

There are no data available on the product itself.

16. Other information

Product name : Coversall Marker
schwarz
Revision : 29.02.2012
Print date : 25.07.2012
Version (Revision) : 5.1.0 (5.0.0)

Further information

Relevant changes

02.2 GHS - Precautionary statements

R-Phrases of components

10	Flammable.
11	Highly flammable.
52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
67	Vapours may cause drowsiness and dizziness.

GHS Hazard statements of components

H225	Highly flammable liquid and vapour.
H226	Flammable liquid and vapour.
H336	May cause drowsiness or dizziness.
H412	Harmful to aquatic life with long lasting effects.

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.