

Trade name: edding 366 whiteboard marker (black)**Current version :** 2.0.1, issued: 27.10.2022**Replaced version:** 2.0.0, issued: 12.01.2016**Region:** GB**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1 Product identifier****Trade name****edding 366 whiteboard marker (black)****1.2 Relevant identified uses of the substance or mixture and uses advised against****Relevant identified uses of the substance or mixture**

Ink for use in felt pens

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 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:

propan-2-ol

Hazard statement(s)

H225

Highly flammable liquid and vapour.

Trade name: edding 366 whiteboard marker (black)

Current version : 2.0.1, issued: 27.10.2022

Replaced version: 2.0.0, issued: 12.01.2016

Region: GB

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.
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

No data available.

SECTION 3: Composition/information on ingredients
3.1 Substances

Not applicable. The product is not a substance.

3.2 Mixtures
Chemical characterization

Mixture (preparation)

Hazardous ingredients

| No | Substance name | Classification (EC) 1272/2008 (CLP) | Additional information | |
|----|---|---|------------------------|-----|
| | CAS / EC / Index / REACH no | | Concentration | % |
| 1 | ethanol | | | |
| | 64-17-5 200-578-6 603-002-00-5 - | Flam. Liq. 2; H225 | >= 50.00 - < 70.00 | wt% |
| 2 | propan-2-ol | | | |
| | 67-63-0 200-661-7 603-117-00-0 - | Eye Irrit. 2; H319 Flam. Liq. 2; H225 STOT SE 3; H336 | >= 25.00 - < 50.00 | wt% |
| 3 | CARBON BLACK | | | |
| | 1333-86-4 215-609-9 - - | - | < 5.00 | wt% |

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

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 person from the immediate area. Ensure supply of fresh air.

After skin contact

Wash off immediately with soap and water.

After eye contact

Trade name: edding 366 whiteboard marker (black)**Current version :** 2.0.1, issued: 27.10.2022**Replaced version:** 2.0.0, issued: 12.01.2016**Region:** GB

Remove contact lenses. Rinse eye thoroughly under running water keeping eyelids wide open and protecting the unaffected eye (at least 10 to 15 minutes). Seek medical assistance.

After ingestion

Rinse the mouth thoroughly with water. Call a doctor immediately. 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**

Foam; Carbon dioxide; Extinguishing powder

Unsuitable extinguishing media

No data available.

5.2 Special hazards arising from the substance or mixture

In the event of fire, the following can be released: Carbon dioxide (CO₂); Carbon monoxide (CO)

5.3 Advice for firefighters

Cool endangered containers with water spray jet. 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. Avoid contact with skin, eyes and clothing. Ensure adequate ventilation. Keep away from ignition sources.

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

Take up with absorbent material (e.g., sand, kieselguhr, universal binder). When collected, handle material as described under the section heading "Disposal considerations".

6.4 Reference to other sections

No data available.

SECTION 7: Handling and storage**7.1 Precautions for safe handling****Advice on safe handling**

Provide good ventilation at the work area (local exhaust ventilation, if necessary). If workplace exposure limits are exceeded, respiratory protection approved for this particular job must be worn. 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.

General protective and hygiene measures

Do not eat, drink or smoke during work time. Keep away from foodstuffs and beverages. Avoid contact with eyes and skin. Remove soiled or soaked clothing immediately. Do not inhale vapours. Clean skin thoroughly after work; apply skin cream.

Advice on protection against fire and explosion

Trade name: edding 366 whiteboard marker (black)

Current version : 2.0.1, issued: 27.10.2022

Replaced version: 2.0.0, issued: 12.01.2016

Region: GB

Vapours can form an explosive mixture with air. Take precautionary measures against static charges. Keep away from sources of heat and ignition. Use explosion-proof equipment/fittings and non-sparking tools.

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

Containers which are opened must be carefully closed and kept upright to prevent leakage. Always keep in containers of same material as the original.

Incompatible products

None known

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 | | | |
| | WEL long-term (8-hr TWA reference period) | 1920 | mg/m ³ 1000 ppm |
| 2 | propan-2-ol | 67-63-0 | 200-661-7 |
| List of approved workplace exposure limits (WELs) / EH40 | | | |
| Propan-2-ol | | | |
| | WEL short-term (15 min reference period) | 1250 | mg/m ³ 500 ppm |
| | WEL long-term (8-hr TWA reference period) | 999 | mg/m ³ 400 ppm |
| 3 | CARBON BLACK | 1333-86-4 | 215-609-9 |
| List of approved workplace exposure limits (WELs) / EH40 | | | |
| Carbon black | | | |
| | WEL short-term (15 min reference period) | 7 | mg/m ³ |
| | WEL long-term (8-hr TWA reference period) | 3.5 | 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.

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

Normal chemical work clothing.

Environmental exposure controls

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Trade name: edding 366 whiteboard marker (black)

Current version : 2.0.1, issued: 27.10.2022

Replaced version: 2.0.0, issued: 12.01.2016

Region: GB

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

| | |
|--|-------------|
| State of aggregation | |
| liquid | |
| Form | |
| liquid | |
| Colour | |
| black | |
| Odour | |
| characteristic | |
| pH value | |
| No data available | |
| Boiling point / boiling range | |
| Value | 78.3 °C |
| Reference substance | CAS 64-17-5 |
| Melting point/freezing point | |
| No data available | |
| Decomposition temperature | |
| No data available | |
| Flash point | |
| Value | 13 °C |
| Reference substance | CAS 64-17-5 |
| Ignition temperature | |
| Value | 390 °C |
| Flammability | |
| No data available | |
| Lower explosion limit | |
| Value | 2 % vol |
| Upper explosion limit | |
| Value | 19.0 % vol |
| Vapour pressure | |
| No data available | |
| Relative vapour density | |
| No data available | |
| Relative density | |
| Value | 0.823 |
| Density | |
| No data available | |
| Solubility in water | |
| Comments | insoluble |
| Solubility | |
| No data available | |
| Partition coefficient n-octanol/water (log value) | |
| No data available | |
| Kinematic viscosity | |
| No data available | |

Trade name: edding 366 whiteboard marker (black)

Current version : 2.0.1, issued: 27.10.2022

Replaced version: 2.0.0, issued: 12.01.2016

Region: GB

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

No data available.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Heat, naked flames and other ignition sources. air humidity

10.5 Incompatible materials

None known.

10.6 Hazardous decomposition products

No hazardous decomposition products known.

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 | | 6200 | mg/kg bodyweight |
| Species | rat | | |
| Source | Manufacturer | | |
| 2 | propan-2-ol | 67-63-0 | 200-661-7 |
| LD50 | | 5280 | mg/kg bodyweight |
| Species | rat | | |
| Source | Manufacturer | | |

| Acute dermal toxicity | | | |
|------------------------------|----------------|---------|------------------|
| No | Substance name | CAS no. | EC no. |
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |
| LD50 | | 12800 | mg/kg bodyweight |
| Species | rabbit | | |
| Source | Manufacturer | | |

| Acute inhalational toxicity | | | |
|------------------------------------|----------------|---------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |
| LC50 | | 72.6 | mg/l |
| Duration of exposure | | 4 | h |
| State of aggregation | Vapour | | |
| Species | rat | | |
| Source | Manufacturer | | |

Skin corrosion/irritation

No data available

Serious eye damage/irritation

No data available

Respiratory or skin sensitisation

Trade name: edding 366 whiteboard marker (black)

Current version : 2.0.1, issued: 27.10.2022

Replaced version: 2.0.0, issued: 12.01.2016

Region: GB

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

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**Endocrine disrupting properties**

No data available.

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 | | 8150 | mg/l |
| Duration of exposure | | 96 | h |
| Species | Leuciscus idus | | |
| Source | Manufacturer | | |
| 2 | propan-2-ol | 67-63-0 | 200-661-7 |
| LC50 | | 9640 | mg/l |
| Duration of exposure | | 96 | h |
| Species | Pimephales promelas | | |
| Source | Manufacturer | | |

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 | | 9268 | mg/l |
| Duration of exposure | | 14221 | h |
| Species | Daphnia magna | 48 | |
| Source | Manufacturer | | |
| 2 | propan-2-ol | 67-63-0 | 200-661-7 |
| EC50 | | 13299 | mg/l |
| Duration of exposure | | 48 | h |
| Species | Daphnia magna | | |
| Source | Manufacturer | | |

Toxicity to Daphnia (chronic)

Trade name: edding 366 whiteboard marker (black)

Current version : 2.0.1, issued: 27.10.2022

Replaced version: 2.0.0, issued: 12.01.2016

Region: GB

| |
|-------------------|
| No data available |
|-------------------|

| Toxicity to algae (acute) | | | |
|----------------------------------|-------------------------|---------|-----------|
| No | Substance name | CAS no. | EC no. |
| 1 | propan-2-ol | 67-63-0 | 200-661-7 |
| EC50 | > | 1000 | mg/l |
| Duration of exposure | | 72 | h |
| Species | Desmodesmus subspicatus | | |
| Source | Manufacturer | | |

| 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 |
| Value | | | % |
| Source | Manufacturer | | |
| Evaluation | readily biodegradable | | |
| 2 | propan-2-ol | 67-63-0 | 200-661-7 |
| Value | | 95 | % |
| Duration | | 21 | day(s) |
| Method | OECD 301 E | | |
| Source | Manufacturer | | |
| Evaluation | readily biodegradable | | |

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 Endocrine disrupting properties

No data available.

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

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 Transport ADR/RID/ADN

Trade name: edding 366 whiteboard marker (black)

Current version : 2.0.1, issued: 27.10.2022

Replaced version: 2.0.0, issued: 12.01.2016

Region: GB

| | |
|---------------------------|--------|
| Class | 3 |
| Classification code | F1 |
| Packing group | II |
| Hazard identification no. | 33 |
| UN number | UN1263 |
| Proper shipping name | PAINT |
| Special Provision 640 | 640D |
| Tunnel restriction code | D/E |
| Label | 3 |

14.2 Transport IMDG

| | |
|----------------------|----------|
| Class | 3 |
| Packing group | II |
| UN number | UN1263 |
| Proper shipping name | PAINT |
| EmS | F-E, S-E |
| Label | 3 |

14.3 Transport ICAO-TI / IATA

| | |
|----------------------|--------|
| Class | 3 |
| Packing group | II |
| 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, please see 14.1 - 14.3.

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 |
|--|----------|

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 | CARBON BLACK | 1333-86-4 | 215-609-9 | 75 |
| 2 | propan-2-ol | 67-63-0 | 200-661-7 | 75 |

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 |
|--|-----|

Trade name: edding 366 whiteboard marker (black)

Current version : 2.0.1, issued: 27.10.2022

Replaced version: 2.0.0, issued: 12.01.2016

Region: GB

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.

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.

Alterations/supplements:

Alterations to the previous edition are marked in the left-hand margin.

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