

## COBALine Marking Paint

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

#### 1.1. Product identifier

<b>Trade name</b>	COBALine Marking Paint
<b>UFI code</b>	UXDU-KD5N-NWG5-RFV8 (COBALine Marking Paint 750ml Black) 41EU-2DV1-XWGN-ETFA (COBALine Marking Paint 750ml Blue) 24EU-KDJF-8WG5-251D (COBALine Marking Paint 750ml Red) 16EU-3D7U-JWGN-RGMF (COBALine Marking Paint 750ml Green) J9EU-KDX7-VWG4-DU6H (COBALine Marking Paint 750ml Grey) 7FEU-MDA1-GWG4-QHCN (COBALineMarking Paint 750ml Yellow) WYEU-NDFE-AWG3-PJV1 (COBALineMarking Paint 750ml White)

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

<b>Product type</b>	<ul style="list-style-type: none"> <li>• Permanently durable floor marking paint depending on substrate and usage.</li> <li>• 750ml bottle content.</li> <li>• Simple application.</li> <li>• Versatile use.</li> <li>• Produces a durable, fast-drying mark.</li> <li>• Applicable to concrete, asphalt, wood and composites.</li> <li>• Suitable for indoor and outdoor use.</li> <li>• Propellant: CFC-free aerosol.</li> </ul>
---------------------	--

**Use** Aerosol paint

**Not suitable for use in** All other user applications are strongly discouraged.

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

<b>Supplier</b>	COBA Europe GmbH
Street address	Püllenweg 1-3 41352 Korschenbroich Deutschland
Telephone	+49 2161 2945-0
Email	verkauf@cobaurope.de
Web site	<a href="https://www.cobaurope.com/de/">https://www.cobaurope.com/de/</a>

**Contact person** C. Elfroth

**Email address** verkauf@cobaurope.de

#### 1.4. Emergency telephone number

**Emergency phone number** +44 116 240 1000 (8.00 to16.30 GMT)

**Available outside office hours** No

**COBALine Marking Paint**

**SECTION 2: Hazards identification**

*2.1. Classification of the substance or mixture*


Classification according to Regulation (EC) No 1272/2008

<b>Danger classes</b>	Aerosol, Hazard category 2 Eye irritation, hazard category 2 Specific Target Organ Toxicity — Single exposure, hazard category 3 - narcosis Gases under pressure, Compressed gas
-----------------------	---

<b>Hazard phrases</b>	H223, H280, H319, H336
-----------------------	------------------------

*2.2. Label elements*

Labelling according to Regulation (EC) No 1272/2008

<b>Danger codes</b>	
---------------------	---

<b>Signal word</b>	Warning
--------------------	---------

<b>Hazard phrases</b>	H223 Flammable aerosol. H280 Contains gas under pressure; may explode if heated. H319 Causes serious eye irritation. H336 May cause drowsiness or dizziness. EUH066 Repeated exposure may cause skin dryness or cracking.
-----------------------	---

<b>Safety phrases</b>	P210 Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. No smoking. P211 Do not spray on an open flame or other ignition source. P251 Do not pierce or burn, even after use. P410 + P412 Protect from sunlight. Do not expose to temperatures exceeding 50°C/122°F. P501 Dispose of contents/container to an approved waste disposal Company.. P261 Avoid breathing Vapors.
-----------------------	--

<b>More information</b>	Hazardous components which must be listed on the label : Dimethyl ether, Methyl acetate, Dimethyl carbonate, n-Butylacetate
-------------------------	---

*2.3. Other hazards*

<b>Other hazards</b>	This mixture does not contain any REACH registered substances that are assessed to be a PBT or a vPvB.
----------------------	--

## COBALine Marking Paint

### SECTION 3: Composition/information on ingredients

#### 3.2. Mixtures

Chemical name	CAS No. EC No. REACH No. Index No.	Concentration	Classification	H-phrase M factor acute M factor chronic	Note
Dimethyl ether	115-10-6 204-065-8 01-2119472128-37-XXXX -	30 - 40%	Flam. Gas 1A, Press. Gas	H220, H280 M-acut=0 M-chro=0	-
Methyl acetate	79-20-9 201-185-2 01-2119459211-47-XXXX -	15 - 25%	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3	H225, H319, H336, EUH066 M-acut=0 M-chro=0	-
Dimethyl carbonate	616-38-6 210-478-4 01-2119548399-23-XXXX -	10 - 20%	Flam. Liq. 2	H225 M-acut=0 M-chro=0	-
n-butyl acetate	123-86-4 204-658-1 01-2119485493-29-XXXX -	1 - 6%	Flam. Liq. 3, STOT SE 3	H226, H336, EUH066 M-acut=0 M-chro=0	-

**Substance additional information**

The mixture contains up to 44 % of pigments and other substances, which are not classified as hazardous.  
For the complete meaning of H phrases mentioned in this section, see section 16.

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

<b>Description of first aid measures</b>	In the event of discomfort, visit a doctor and bring the safety data sheet.
<b>Inhalation</b>	IF INHALED: If breathing is difficult, remove to fresh air and keep at rest in a position comfortable for breathing.
<b>Skin contact</b>	Wash the skin thoroughly with plenty of water for at least 15 minutes, using a mild and non-abrasive soap
<b>Eye contact</b>	IF IN EYES: Rinse carefully with lukewarm water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Contact a doctor if the irritation persists.
<b>Ingestion</b>	DO NOT INDUCE VOMITING! Clean mouth with water and drink afterwards plenty of water.

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

<b>Inhalation</b>	Short term exposure: Irritating to respiratory system and can cause dizziness . Long term exposure: Vapours may cause drowsiness and dizziness.
<b>Skin contact</b>	Short term exposure: If sprayed continuously on skin, frostbite can be caused. Long term exposure: Repeated exposure may cause skin dryness or cracking.

## COBALine Marking Paint

**Eye contact**

Short term exposure: May cause eye irritation.  
Long term exposure: If sprayed continuously in eyes, frostbite can be caused.

**Ingestion**

Short term exposure: No data available.  
Long term exposure: No data available.

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

**Indication of any immediate medical attention and special treatment needed**

No information available.

## SECTION 5: Firefighting measures

*5.1. Extinguishing media*

**Suitable extinguishing media**

Carbon dioxide, dry chemical powder, foam, water fog.

**Unsuitable extinguishing media**

Do not use a solid water stream as it may scatter and spread fire.

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

**Special hazards arising from the substance or mixture**

Combustion or thermal decomposition may evolve toxic or irritant vapours. Beware of vapours accumulating to form explosive concentrations. Vapours can accumulate in low areas. Vapours are heavier than air and may travel to a source of ignition and flash back. Flash back possible over considerable distance.

*5.3. Advice for firefighters*

**Special protective equipment for fire-fighters**

Wear self-contained breathing apparatus and protective suit.

**Measures in case of fire**

Notify fire brigade and police immediately!

*Other*

**Other**

Polluted extinguisher water should not run off into the soil, ground or surface water.

## SECTION 6: Accidental release measures

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

**Personal precautions, protective equipment and emergency procedures**

Chemikalienbeständige Handschuhe und Schutzbrille tragen.  
The glove material has to be impermeable and resistant against the product / the substance / the mixture.

*6.2. Environmental precautions*

**Environmental precautions**

Do not discharge directly into the environment or into the sewer system. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

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

**Methods and material for containment and cleaning up**

For minor spills, clean up, rinsing to sewer and put empty container in garbage.  
In the event of a major spill, prevent spillage from entering drains or water courses and call emergency services.

## COBALine Marking Paint

### 6.4. Reference to other sections

**Reference to other sections**

For information on fire fighting measures see section 5 .  
For information on safe handling see section 7.  
For information on personal protection see section 8.  
For information on disposal see section 13.

## SECTION 7: Handling and storage

### 7.1. Precautions for safe handling

**Preventive handling precautions**

Use personal protection equipment. Handle in accordance with good hygiene and safety practice, and only in well ventilated areas. Avoid all unnecessary exposure. Contact even with mild skin irritants should be avoided. Keep away from incompatible materials. Ensure all equipment is electrically grounded. Avoid electrical and thermal sources of ignition in the vicinity of the product.

**General hygiene**

When using, do not eat, drink or smoke.  
Wash hands before breaks and immediately after handling the product. Wash clothing before reuse.

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

**Conditions for safe storage, including any incompatibilities**

Keep tightly closed in a dry, cool and well-ventilated place. (< 30 °C) Keep away from direct sunlight. Check containers and valves periodically for leaks.  
Take precautions against static electricity. To avoid ignition of vapours by static electricity discharge, all metal parts of the equipment must be grounded.  
Der Kontakt oder die Kontamination des Produktes mit unverträglichen Materialien ist zu vermeiden.

### 7.3. Specific end use(s)

**Specific end use(s)**

This product should only be used for those uses described in section 1.2

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters

National occupational exposure limits

Ingredient	CAS No. EC No.	Exposure limit ppm / mg/m <sup>3</sup>	Short-term exposure limit ppm / mg/m <sup>3</sup>	Source	Remark	Year
Dimethyl ether	115-10-6 204-065-8	400 766	500 958	eh40	-	2019
Dimethyl ether	115-10-6 204-065-8	1000 1920	- -	2000/39/EG	EU OEL	2006
Methyl acetate	79-20-9 201-185-2	200 616	250 770	eh40	-	2019
n-butyl acetate	123-86-4 204-658-1	150 724	200 966	eh40	-	2019

### 8.2. Exposure controls

**Technical precaution measures**

Handle in a well ventilated area or with a general system of local ventilation/exhaustion. Emergency eyewash stations and safety showers should be installed near any place where there is a risk of exposure.

**Eye / face protection**

Chemical safety goggles recommended. Use equipment for eye protection tested and approved under appropriate government standards (EN 166).

## COBALine Marking Paint

**Safety gloves**

Wear chemical-resistant protective gloves. The gloves must conform to the standard EN 374.

**Other skin protection**

Contact even with mild skin irritants should be avoided. Wear suitable impervious elbow-length gloves and facial protection when handling this product. Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved.  
Suitable materials : Rubber , PVC

**Respiratory protection**

No special respiratory protection equipment is recommended under normal conditions of use with adequate ventilation. In case of insufficient ventilation wear suitable respiratory equipment. Atemschutz gemäß EN 141.

## SECTION 9: Physical and chemical properties

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

**Appearance, physical state**

Aerosol

**Appearance, colour**

various colours

**Odour**

Characteristic Odor

**Odour treshold**

No data available.

**pH value**

No data available.

**Melting point / freezing point**

No data available.

**Initial boiling point and boiling range**

No data available.

**Flash point**

-40 °C

**Evaporation rate**

No data available.

**Flammability (solid, gas)**

No data available.

**Upper / lower flammability or explosive limits**

No data available.

**Vapour pressure**

No data available.

**Vapour density**

No data available.

**Relative density**

No data available.

**Solubility**

Some components are water soluble

**Partition coefficient: n-octanol / water**

No data available.

**Auto-ignition temperature**

No data available.

**Decomposition temperature**

No data available.

**Viscosity, kinematic**

Not applicable

**Viscosity, dynamic**

Not applicable

**Explosive properties**

No data available.

**Oxidising properties**

No data available.

## COBALine Marking Paint

### 9.2. Other information

**Other information** No data available.

## SECTION 10: Stability and reactivity

### 10.1. Reactivity

**Reactivity** Not reactive under normal conditions.

### 10.2. Chemical stability

**Chemical stability** Stable under normal usage and storage conditions.

### 10.3. Possibility of hazardous reactions

**Possibility of hazardous reactions** Hazardous polymerisation does not occur

### 10.4. Conditions to avoid

**Conditions to avoid** Avoid contact with oxidising agents.  
Store below 30 °C. Protect from sunlight and do not expose to temperatures exceeding 50°C (e.g. due to electric lights).  
Avoid all possible sources of ignition (spark or flame).

### 10.5. Incompatible materials

**Incompatible materials** Oxidizing agents

### 10.6. Hazardous decomposition products

**Hazardous decomposition products** Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## SECTION 11: Toxicological information

### 11.1. Information on toxicological effects

**Acute toxicity** Based on the available data, the classification criteria are not met.

Product / Substance name CAS / EC no.	Value / Dose	Duration of exposure	Test animals
Dimethyl ether 115-10-6	308,5 mg/l	4 h	Rat
Methyl acetat 79-20-9	4800 mg/kg bw	-	Rat
Dimethyl carbonate 616-38-6	5000 mg/kg bw	-	-
Methyl acetate 79-20-9	> 2000 mg/kg bw	-	Rat
Dimethyl carbonate 616-38-6	25000 mg/kg bw	-	Rat
Methyl acetate 79-20-9	98 mg/l	4 h	Rat

## COBALine Marking Paint

Product / Substance name CAS / EC no.	Value / Dose	Duration of exposure	Test animals
Dimethyl carbonate 616-38-6	> 140 mg/l	4 h	Rat
Butyl acetate 123-86-4	10768 mg/kg bw	-	-
Butyl acetate 123-86-4	> 17600 mg/kg Körpergewicht	-	Rabbit
Butyl acetate 123-86-4	40 mg/l	4 h	Rat

**Skin corrosion/irritation**

Based on the available data, the classification criteria are not met.

**Serious eye damage/irritation**

Eye irritation, hazard category 2 - Causes serious eye irritation.

**Corrosive effect to respiratory tract**

Based on the available data, the classification criteria are not met.

**Respiratory/skin sensitization**

Based on the available data, the classification criteria are not met.

**Germ cell mutagenicity**

Based on the available data, the classification criteria are not met.

**Genotoxicity**

Based on the available data, the classification criteria are not met.

**Carcinogenicity**

Based on the available data, the classification criteria are not met.

**Reproductive toxicity**

Based on the available data, the classification criteria are not met.

**STOT-single exposure**

Specific Target Organ Toxicity — Single exposure, hazard category 3 - narcosis - May cause drowsiness and dizziness.

**STOT-repeated exposure**

Based on the available data, the classification criteria are not met.

**Aspiration hazard**

Based on the available data, the classification criteria are not met.

## SECTION 12: Ecological information

### 12.1. Toxicity

**Acute fish toxicity**

Product / Substance name CAS / EC no.	Value / Result	Duration of exposure
Dimethyl ether 115-10-6	1474 mg/l	96 h
Methyl acetat 79-20-9	320 mg/l	96 h
Butyl acetate 123-86-4	18 mg/l	96 h

**Acute algae toxicity**

Product / Substance name CAS / EC no.	Value / Result	Duration of exposure
Dimethyl ether 115-10-6	1986,1 mg/l	72 h



## COBALine Marking Paint

Product / Substance name CAS / EC no.	Value / Result	Duration of exposure
Methyl acetate 79-20-9	> 120 mg/l	72 h
Butyl acetate 123-86-4	674,7 mg/l	72 h

### Acute crustacean toxicity

Product / Substance name CAS / EC no.	Value / Result	Duration of exposure
Dimethyl ether 115-10-6	2390 mg/l	48 h
Methyl acetate 79-20-9	1027 mg/l	72 h
Butyl acetate 123-86-4	10 - 100 mg/l	48 h

### 12.2. Persistence and degradability

**Persistence and degradability** No information available. .

### 12.3. Bioaccumulative potential

#### Bioaccumulative potential

Product / Substance name CAS / EC no.	LogKow / LogPow	Bioconcentration factor (BCF)
Dimethyl ether 115-10-6	0,10	-
Methyl acetate 79-20-9	0,18	0,57 - 0,81
Butyl acetate 123-86-4	1,81	14

### 12.4. Mobility in soil

**Mobility** No information available. .

### 12.5. Results of PBT and vPvB assessment

**Results of PBT and vPvB assessment** This mixture does not contain any REACH registered substances that are assessed to be a PBT or a vPvB.

### 12.6. Other adverse effects

**Other adverse effects** No information available. .

## COBALine Marking Paint

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

**Disposal considerations**

Dispose in a safe manner in accordance with local/national regulations.  
Dispose of small quantities and empty containers by wrapping with paper and putting in garbage.  
For larger quantities, if recycling or reclaiming is not possible, use a commercial waste disposal service.  
For disposal within the EC, the appropriate code according to the European Waste Catalogue (EWC) should be used.

**Packaging**

Dispose of any product, residue or packing material according to national and local regulations.

### SECTION 14: Transport information

#### 14.1. UN number

**UN number** UN1950

#### 14.2. UN proper shipping name

**Name** AEROSOLS, flammable

#### 14.3. Transport hazard class(es)

**Label** 2.1



2.1

**ADR / RID Class** 2.1

**IMDG Class** 2.1

**IATA Class** 2.1

#### 14.4. Packing group

**Packing group** No information available.

#### 14.5. Environmental hazards

**Environmental hazards** No information available.

#### 14.6. Special precautions for user

**Special precautions for user** No information available.

#### 14.7. Transport in bulk according to Annex II of Marpol and the IBC Code

**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** No information available.

## COBALine Marking Paint

*Other*

**Other**

Class 2.1 Flammable gases shall not be loaded in the same vehicle or packed in the same freight container with Classes 1 (Explosives), 3 (Flammable Liquids) (where flammable liquids and flammable gases are in bulk), 4.1 (Flammable Solids), 4.2 (Spontaneously Combustible Substances), 4.3 (Dangerous When Wet Substances), 5.1 (Oxidising Agents), 5.2 (Organic Peroxides), and 7 (Radioactive Substances). They may however be loaded in the same vehicle or packed in the same freight container with Classes 2.2 (Non-flammable Non-Toxic gases), 3 (Flammable liquids except where both flammable liquids and flammable gases are in bulk), 6 (Toxic Substances), 8 (Corrosive Substances) 9 (Miscellaneous dangerous goods), Foodstuffs and foodstuff empties.

## 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 of the European Parliament and of the Council, REACH.  
Regulation (EC) No 1272/2008 of the European Parliament and of the Council, CLP.  
COMMISSION DIRECTIVE 2000/39/EC.

**National regulations**

EH40/2005 Workplace exposure limits (Third edition, published 2018).  
All national and local legislation and regulations must be complied with.

**Other regulations, limitations and legal regulations**

Contains no substances subject to restrictions according to Annex XVII of REACH.  
Contains no substances listed in Annex XIV of REACH.  
Contains no substances from the candidate list REACH.

### 15.2. Chemical safety assessment

**Chemical safety assessment**

No chemical safety assessment has been performed.

## SECTION 16: Other information

**Changes to previous revision**

Version 1

**Abbreviations**

ADR - European Agreement concerning the International Carriage of Dangerous Goods by Road  
CAS - Chemical Abstracts Service  
ECHA - European Chemicals Agency  
EC - European Communities  
IATA - International Air Transport Association  
IBC - Intermediate Bulk Container  
IMDG - International Maritime Dangerous Goods Code  
LC50 - Lethal Concentration 50 %  
LD50 - Lethal Dose 50%  
PBT - Persistent, Bioaccumulative and Toxic  
REACH - Registration, Evaluation, Authorisation and Restriction of Chemicals.  
SVHC - Substance of very high concern  
UFI - Unique formula identifier  
UN - United Nations  
vPvB - very Persistent and very Bioaccumulative

**References to key literature and data sources**

Regulation (EC) No 1907/2006 of the European Parliament and of the Council, REACH.  
European Parliament and Council Regulation (EC) No 1272/2008, CLP.

**COBALine Marking Paint****Phrase meaning**

Flam. Gas 1A - Flammable gases, hazard category 1A  
Press. Gas - Gases under pressure, Compressed gas  
Flam. Liq. 2 - Flammable liquids, hazard category 2  
Eye Irrit. 2 - Eye irritation, hazard category 2  
STOT SE 3 - Specific Target Organ Toxicity — Single exposure, hazard category 3  
Flam. Liq. 3 - Flammable liquids, hazard category 3  
H220 Extremely flammable gas.  
H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H280 Contains gas under pressure; may explode if heated.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
EUH066 Repeated exposure may cause skin dryness or cracking.