



## SAFETY DATA SHEET BLACK MATT PAINT

### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

**PRODUCT NAME** BLACK MATT PAINT  
**PRODUCT NO.** MBP  
EMBP400  
ZE  
**APPLICATION** Paint  
**SUPPLIER** ELECTROLUBE. A division of  
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### 2 HAZARDS IDENTIFICATION

Extremely flammable  
Repeated exposure may cause skin dryness or cracking.  
Vapours may cause drowsiness and dizziness.  
Irritating to eyes.  
**CLASSIFICATION (1999/45)** Xi;R36. F+;R12. R66, R67.

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548/EEC)
ACETONE	200-662-2	67-64-1	30-60%	F;R11 Xi;R36 R66 R67
ETHYL ACETATE	205-500-4	141-78-6	5-10%	F;R11 Xi;R36 R66 R67
BUTYL ACETATE -norm	204-658-1	123-86-4	5-10%	R10 R66 R67
2-METHOXY-1-METHYLETHYL ACETATE	203-603-9	108-65-6	5-10%	R10
BUTANONE	201-159-0	78-93-3	1-5%	F;R11 Xi;R36 R66 R67
XYLENE	215-535-7	1330-20-7	1-5%	R10 Xn;R20/21 Xi;R38
BUTANOL-norm	200-751-6	71-36-3	1-5%	R10 Xn;R22 Xi;R37/38,R41 R67
BUTANE	203-448-7	106-97-8	1-5%	F+;R12

The Full Text for all R-Phrases is Displayed in Section 16

### COMPOSITION COMMENTS

Ingredients not listed are classified as non-hazardous or at a concentration below reportable levels

### 4 FIRST-AID MEASURES

#### NOTES TO THE PHYSICIAN

Treat symptomatically

#### INHALATION

Move the exposed person to fresh air at once. Get medical attention.

## BLACK MATT PAINT

### INGESTION

Not relevant.

### SKIN CONTACT

Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

### EYE CONTACT

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

## 5 FIRE-FIGHTING MEASURES

### EXTINGUISHING MEDIA

Use: Powder. Dry chemicals, sand, dolomite etc. Water spray, fog or mist.

### SPECIAL FIRE FIGHTING PROCEDURES

Move container from fire area if it can be done without risk.

### UNUSUAL FIRE & EXPLOSION HAZARDS

Aerosol cans may explode in a fire.

## 6 ACCIDENTAL RELEASE MEASURES

### SPILL CLEAN UP METHODS

Extinguish all ignition sources. Avoid sparks, flames, heat and smoking. Ventilate. Ventilate well. Absorb in vermiculite, dry sand or earth and place into containers.

## 7 HANDLING AND STORAGE

### USAGE PRECAUTIONS

Ventilate well, avoid breathing vapours. Use approved respirator if air contamination is above accepted level.

### STORAGE PRECAUTIONS

Store at moderate temperatures in dry, well ventilated area.

## 8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
2-METHOXY-1-METHYLETHYL ACETATE	WEL	50 ppm	274 mg/m <sup>3</sup>	100 ppm	548 mg/m <sup>3</sup>	Sk
ACETONE	WEL	500 ppm	1210 mg/m <sup>3</sup>	1500 ppm	3620 mg/m <sup>3</sup>	
BUTANE	WEL	600 ppm	1450 mg/m <sup>3</sup>	750 ppm	1810 mg/m <sup>3</sup>	
BUTANOL-norm	WEL			50 ppm(Sk)	154 mg/m <sup>3</sup> (Sk)	
BUTANONE	WEL	200 ppm	600 mg/m <sup>3</sup>	300 ppm	899 mg/m <sup>3</sup>	Sk
BUTYL ACETATE -norm	WEL	150 ppm	724 mg/m <sup>3</sup>	200 ppm	966 mg/m <sup>3</sup>	
ETHYL ACETATE	WEL	200 ppm		400 ppm		
XYLENE	WEL	50 ppm	220 mg/m <sup>3</sup>	100 ppm	441 mg/m <sup>3</sup>	Sk

WEL = Workplace Exposure Limit.

Sk = Can be absorbed through skin.

### PROTECTIVE EQUIPMENT



### ENGINEERING MEASURES

All handling to take place in well-ventilated area.

### RESPIRATORY EQUIPMENT

Suitable respiratory protection must be used at high concentrations.

### HAND PROTECTION

Use suitable protective gloves if risk of skin contact. The most suitable glove must be chosen in consultation with the gloves supplier, who can inform about the breakthrough time of the glove material.

## BLACK MATT PAINT

### EYE PROTECTION

Wear approved chemical safety goggles where eye exposure is reasonably probable.

### OTHER PROTECTION

Wear appropriate clothing to prevent any possibility of liquid contact and repeated or prolonged vapour contact.

### HYGIENE MEASURES

Wash at the end of each work shift and before eating, smoking and using the toilet. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke. DO NOT SMOKE IN WORK AREA!

## 9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Aerosol Liquid
COLOUR	Black
ODOUR	Acetone, ketone.
SOLUBILITY	Insoluble in water
RELATIVE DENSITY	0.75 @ 20 °c
VAPOUR PRESSURE	354.6 kPa
FLASH POINT (°C)	<0 CC (Closed cup).
AUTO IGNITION	> 250
TEMPERATURE (°C)	
FLAMMABILITY LIMIT - LOWER(%)	1.6
FLAMMABILITY LIMIT - UPPER(%)	13

## 10 STABILITY AND REACTIVITY

### STABILITY

Stable under normal temperature conditions.

### CONDITIONS TO AVOID

Avoid heat, flames and other sources of ignition. Avoid contact with acids and alkalis.

## 11 TOXICOLOGICAL INFORMATION

### INHALATION

May cause irritation to the respiratory system. Vapours may cause headache, fatigue, dizziness and nausea. High concentrations of vapours may irritate respiratory system and lead to headache, fatigue, nausea and vomiting.

### SKIN CONTACT

Product has a defatting effect on skin. Prolonged contact may cause dryness of the skin. Prolonged or repeated exposure may cause severe irritation.

### EYE CONTACT

Irritating to eyes.

### OTHER HEALTH EFFECTS

This substance has no evidence of carcinogenic properties.

### ROUTE OF ENTRY

Inhalation.

Name	XYLENE
Toxic Dose 1 - LD 50	4300 mg/kg (oral rat)
Toxic Dose 2 - LD 50	2000 mg/kg (oral-rbt)
Toxic Conc. - LC 50	22.1 mg/l/4h (inh-rat)
Name	BUTANOL-norm
Name	ACETONE
Toxic Dose 1 - LD 50	5800 mg/kg (oral rat)
Toxic Dose 2 - LD 50	20,000 mg/kg (oral-rbt)
Toxic Conc. - LC 50	76 ppm/4h (inh-rat)
Name	BUTANONE
Name	ETHYL ACETATE
Toxic Dose 1 - LD 50	5620 mg/kg (oral rat)
Toxic Dose 2 - LD 50	18,000 mg/kg (oral-rbt)
Toxic Conc. - LC 50	1600 ppm/4h (inh-rat)
Name	BUTYL ACETATE -norm
Toxic Dose 1 - LD 50	14,100 mg/kg (oral rat)

### BLACK MATT PAINT

Name 2-METHOXY-1-METHYLETHYL ACETATE  
Toxic Dose 1 - LD 50 3582 mg/kg (oral rat)

#### 12 ECOLOGICAL INFORMATION

##### ECOTOXICITY

Not regarded as dangerous for the environment.

Name XYLENE

LC 50, 96 Hrs, Fish mg/l 2.6-8.4

EC 50, 48 Hrs, Daphnia, mg/l 1.0-4.7

Name BUTANOL-norm

ACETONE

LC 50, 96 Hrs, Fish mg/l 5540

EC 50, 48 Hrs, Daphnia, mg/l 39

##### Degradability

The product is easily biodegradable.

Name BUTANONE

LC 50, 96 Hrs, Fish mg/l 3200 - 5600

EC 50, 48 Hrs, Daphnia, mg/l 7060

##### Mobility

The product is soluble in water.

##### Bioaccumulative Potential

No data available on bioaccumulation.

##### Degradability

The product is easily biodegradable.

##### Acute Fish Toxicity

Not considered toxic to fish.

Name ETHYL ACETATE

LC 50, 96 Hrs, Fish mg/l 270

EC 50, 48 Hrs, Daphnia, mg/l 2306

Name BUTYL ACETATE -norm

LC 50, 96 Hrs, Fish mg/l >96

EC 50, 48 Hrs, Daphnia, mg/l 72.8

IC 50, 72 Hrs, Algae, mg/l 674

Name 2-METHOXY-1-METHYLETHYL ACETATE

LC 50, 96 Hrs, Fish mg/l 161

EC 50, 48 Hrs, Daphnia, mg/l 408

#### 13 DISPOSAL CONSIDERATIONS

##### DISPOSAL METHODS

Empty containers must not be burned because of explosion hazard. Dispose of waste and residues in accordance with local authority requirements.

#### 14 TRANSPORT INFORMATION



PROPER SHIPPING NAME AEROSOLS  
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT No.  
UN NO. ROAD 1950  
ADR CLASS NO. 2  
ADR CLASS Class 2: Gases

## BLACK MATT PAINT

ADR PACK GROUP	N/A
TUNNEL RESTRICTION CODE	(D)
ADR LABEL NO.	2.1
UN NO. SEA	1950
IMDG CLASS	2.1
IMDG PACK GR.	N/A
EMS	F-D, S-U
UN NO. AIR	1950
AIR CLASS	2.1
AIR PACK GR.	N/A

### 15 REGULATORY INFORMATION

#### LABELLING



Irritant



Extremely Flammable

#### RISK PHRASES

R12	Extremely flammable.
R36	Irritating to eyes.
R66	Repeated exposure may cause skin dryness or cracking.
R67	Vapours may cause drowsiness and dizziness.

#### SAFETY PHRASES

A1	Pressurized container: protect from sunlight and do not expose to temperatures exceeding 50°C. Do not pierce or burn, even after use.
A2	Do not spray on a naked flame or any incandescent material.
S2	Keep out of the reach of children.
S16	Keep away from sources of ignition - No smoking.
S23	Do not breathe vapour/spray.
S25	Avoid contact with eyes.
S38	In case of insufficient ventilation, wear suitable respiratory equipment.

#### UK REGULATORY REFERENCES

Chemicals (Hazard Information & Packaging) Regulations.

The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

#### ENVIRONMENTAL LISTING

Rivers (Prevention of Pollution) Act 1961. Control of Pollution Act 1974. Control of Pollution (Special Waste Regulations) Act 1980.

#### EU DIRECTIVES

System of specific information relating to Dangerous Preparations. 2001/58/EC.

Dangerous Substance Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

Commission Directive 2000/39/EC of 8 June 2000 establishing a first list of indicative occupational exposure limit values in implementation of Council Directive 98/24/EC on the protection of the health and safety of workers from the risks related to chemical agents at work.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

#### APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

#### GUIDANCE NOTES

Workplace Exposure Limits EH40.

## BLACK MATT PAINT

### 16 OTHER INFORMATION

#### REVISION COMMENTS

Revised in accordance with CHIP3 and EU Directives 1999/45/EC and 2001/58/EC

#### ISSUED BY

Helen O'Reilly

#### REVISION DATE

NOVEMBER 2010

#### REV. NO./REPL. SDS

3

#### GENERATED

#### SDS NO.

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#### RISK PHRASES IN FULL

R12	Extremely flammable.
R10	Flammable.
R20/21	Harmful by inhalation and in contact with skin.
R22	Harmful if swallowed.
R11	Highly flammable.
R36	Irritating to eyes.
R37/38	Irritating to respiratory system and skin.
R38	Irritating to skin.
R66	Repeated exposure may cause skin dryness or cracking.
R41	Risk of serious damage to eyes.
R67	Vapours may cause drowsiness and dizziness.

#### DISCLAIMER

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