

## MATERIAL 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** H K WENTWORTH PTY  
 LIMITED  
 P.O. BOX 339  
 BROOKVALE, NSW 2100  
 AUSTRALIA  
 TEL: 02 9938 1566  
 FAX: 02 9938 1467  
 GENERAL MANAGER  
**EMERGENCY TELEPHONE** Tel: 029938 1566 between 8.30am and 5.00pm EST  
**PROPER SHIPPING NAME** AEROSOLS

### 2 HAZARDS IDENTIFICATION

**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.

The above phrases are the risks associated with the product

**STATEMENT OF HAZARDOUS NATURE**

HAZARDOUS SUBSTANCE (According to criteria of NOHSC). DANGEROUS GOODS (According to ADG Code).

**DG CLASS**

Class 2: Gases

**PACKING GROUP** N/A

**UN NO.** 1950

### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content %	Classification (67/548)
ACETONE	200-662-2	67-64-1	30-60%	F;R11 Xi;R36 R66 R67
PROPANE	200-827-9	74-98-6	10-30%	F+;R12
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
METHYL ETHYL KETONE	201-159-0	78-93-3	1-5%	F;R11 Xi;R36 R66 R67

### BLACK MATT PAINT

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 Ingredients are registered on AICS

#### 4 FIRST-AID MEASURES

##### NOTES TO THE PHYSICIAN

Treat symptomatically

##### INHALATION

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

##### 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

### BLACK MATT PAINT

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
		ppm(Sk)	mg/m3(Sk)	ppm(Sk)	mg/m3(Sk)	
2-METHOXY-1-METHYLETHYL ACETATE	ES-TWA	50 ppm(Sk)	274 mg/m3(Sk)	100 ppm(Sk)	548 mg/m3(Sk)	
ACETONE	ES-TWA	500 ppm	1185 mg/m3	1000 ppm	2375 mg/m3	
BUTANE	ES-TWA	800 ppm	1900 mg/m3			
BUTANOL-norm		50 ppm	152 mg/m3			
BUTYL ACETATE -norm	ES-TWA	150 ppm	713 mg/m3	200 ppm	950 mg/m3	
ETHYL ACETATE	ES-TWA	200 ppm	720 mg/m3	400 ppm	1440 mg/m3	
METHYL ETHYL KETONE	ES-TWA	150 ppm	445 mg/m3	300 ppm	890 mg/m3	
PROPANE			Asphyxiating		Asphyxiating	
XYLENE	ES-TWA	80 ppm	350 mg/m3	150 ppm	655 mg/m3	

#### 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.

#### 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 TEMPERATURE (°C)	> 250
FLAMMABILITY LIMIT - LOWER(%)	1.6
FLAMMABILITY LIMIT - UPPER(%)	13

### 10 STABILITY AND REACTIVITY

#### STABILITY

Stable under normal temperature conditions.

## BLACK MATT PAINT

### 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:

<b>Name</b>	XYLENE
<b>Toxic Dose 1 - LD 50</b>	4300 mg/kg (oral rat)
<b>Toxic Dose 2 - LD 50</b>	2000 mg/kg (oral-rbt)
<b>Toxic Conc. - LC 50</b>	22.1 mg/l/4h (inh-rat)
<b>Name</b>	BUTANOL-norm
<b>Name</b>	ACETONE
<b>Toxic Dose 1 - LD 50</b>	5800 mg/kg (oral rat)
<b>Toxic Dose 2 - LD 50</b>	20,000 mg/kg (oral-rbt)
<b>Toxic Conc. - LC 50</b>	76 ppm/4h (inh-rat)
<b>Name</b>	METHYL ETHYL KETONE
<b>Toxic Dose 1 - LD 50</b>	2737 mg/kg (oral rat)
<b>Name</b>	ETHYL ACETATE
<b>Toxic Dose 1 - LD 50</b>	5620 mg/kg (oral rat)
<b>Toxic Dose 2 - LD 50</b>	18,000 mg/kg (oral-rbt)
<b>Toxic Conc. - LC 50</b>	1600 ppm/4h (inh-rat)
<b>Name</b>	BUTYL ACETATE -norm
<b>Toxic Dose 1 - LD 50</b>	14,100 mg/kg (oral rat)
<b>Name</b>	2-METHOXY-1-METHYLETHYL ACETATE
<b>Toxic Dose 1 - LD 50</b>	3582 mg/kg (oral rat)

## 12 ECOLOGICAL INFORMATION

### ECOTOXICITY

Not regarded as dangerous for the environment.

### BLACK MATT PAINT

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	METHYL ETHYL KETONE
LC 50, 96 Hrs, Fish mg/l	3200 - 5600
EC 50, 48 Hrs, Daphnia, mg/l	7060
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
ADG CLASS	Class 2.1: Flammable gases
ENVIRONMENTALLY HAZARDOUS SUBSTANCE/MARINE POLLUTANT	No.
UN NO.	1950
ADG CLASS NO.	2
DG CLASS	Class 2: Gases
PACKING GROUP	N/A
TUNNEL RESTRICTION CODE	(D)
ADG 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

## BLACK MATT PAINT

### 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.

**POISONS SCHEDULE NUMBER** NONE

### NATIONAL REGULATIONS AND REFERENCES

National Model Regulations for the Control of Workplace Hazardous Substances.  
National Code of Practice for the Control of Workplace Hazardous Substances.  
National Code of Practice for the Labelling of Workplace Substances.  
National Code of Practice for the Preparation of Material Safety Data Sheets.  
Approved Criteria for Classifying Hazardous Substances.  
Exposure Standards for Atmospheric Contaminants in the Occupational Environment.  
Australian Dangerous Goods Code. The Standard for the Uniform Scheduling of Drugs and Poisons (SUSDP).

### 16 OTHER INFORMATION

#### ISSUED BY

Helen O'Reilly

**REVISION DATE** NOVEMBER 2010

**REV. NO./REPL. SDS** 3

**GENERATED**

**SDS NO.** 10992

#### 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

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.