

### Safety Data Sheet

according to the Work Health and Safety (WHS) Regulations

Revision date: 03/11/2023 Issue date: 27/02/2018 Supersedes: 20/03/2019

#### **SECTION 1: Product identifier**

#### **Product identifier**

Product form : Mixture

Product name : MAXICOAT 100 BLACK PART-A

Product code : 4066 - BLACK

#### 1.2 Other means of identification

#### Recommended use of the chemical and restrictions on use

Recommended use : Coatings and paints, thinners, paint removers

#### Supplier's details

**Endura Paint PTY LTD** Unit 2/61 Miguel Road Bibra Lake WA 6163 - Australia T+61 (08) 9418 2999 www.pheonixpaints.com.au

#### 1.5. Emergency phone number

Emergency number : In the event of an emergency involving dangerous goods: In Australia call CHEMTREC at Local

(Sydney) +62 2 9037 2994 or Toll Free 1800 862 115. In New Zealand call CHEMTREC at Local (Aukland) +64 9-801 0034 or Toll Free 0800 425 459 24 hours/7days (Account Name

Version: 14

Endura Paint Pty Ltd.)

#### **SECTION 2: Hazards identification**

#### Classification of the hazardous chemical

#### Classification according to the model Work Health and Safety Regulations (WHS Regulations)

Skin corrosion/irritation, Category 2 H315 Serious eye damage/eye irritation, Category 2A H319 H317 Skin sensitisation, Category 1 Germ cell mutagenicity, Category 2 H341

#### Label elements

Hazard pictograms (GHS AU)





Signal word (GHS AU)

Contains : epoxy resins, liquids, MM≤700 (20-40 %); 2,3-epoxypropyl o-tolyl ether (0-10 %)

: H315 - Causes skin irritation Hazard statements (GHS AU)

H317 - May cause an allergic skin reaction H319 - Causes serious eye irritation H341 - Suspected of causing genetic defects

: P201 - Obtain special instructions before use. Precautionary statements (GHS AU)

P202 - Do not handle until all safety precautions have been read and understood.

P261 - Avoid breathing dust/fume/gas/mist/vapours/spray. P264 - Wash hands, forearms and face thoroughly after handling.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P280 - Wear protective gloves/protective clothing/eye protection/face protection/hearing

protection.

P302+P352 - IF ON SKIN: Wash with plenty of water.

P305+P351+P338 - IF IN EYES: Rinse cautiously with water for several minutes. Remove

contact lenses, if present and easy to do. Continue rinsing.

P308+P313 - IF exposed or concerned: Get medical advice/attention.

P321 - Specific treatment (see supplemental first aid instruction on this label). P333+P313 - If skin irritation or rash occurs: Get medical advice/attention. P337+P313 - If eye irritation persists: Get medical advice/attention.

P362+P364 - Take off contaminated clothing and wash it before reuse.

P405 - Store locked up.

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P501 - Dispose of contents/container to hazardous or special waste collection point, in accordance with local, regional, national and/or international regulation.

#### 2.3. Other hazards

### SECTION 3: Composition/information on ingredients

Name	CAS-No.	compound type	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
epoxy resins, liquids, MM≤700	25068-38-6		20-40	Skin Irrit. 2, H315 Eye Irrit. 2A, H319 Skin Sens. 1, H317 Aquatic Chronic 2, H411
2,3-epoxypropyl o-tolyl ether	2210-79-9		0-10	Skin Irrit. 2, H315 Skin Sens. 1, H317 Muta. 2, H341 Aquatic Chronic 2, H411

#### **SECTION 4: First aid measures**

#### 4.1. Description of first aid measures

First-aid measures general : Take a copy of this safety data sheet when going for medical treatment. IF exposed or concerned: Get medical advice/attention.

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing. Remove the victim into fresh

air. Call a poison center or a doctor if you feel unwell. Call a physician immediately.

First-aid measures after skin contact : Wash immediately with lots of water (15 minutes)/shower. Gently wash with plenty of soap and water. After contact with skin, take off immediately all contaminated clothing, and wash

immediately with plenty of water. Wash skin with plenty of water. Take off contaminated

clothing. If skin irritation or rash occurs: Get medical advice/attention.

First-aid measures after eye contact : Immediately rinse with water for a prolonged period while holding the eyelids wide open. Rinse

immediately with plenty of water for 15 minutes. Take victim to a doctor/medical service if irritation persists. Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

First-aid measures after ingestion : Do not induce vomiting. Rinse mouth out with water. Immediately after ingestion: give lots of water to drink. Get immediate medical advice/attention. Never give anything by mouth to an

water to drink. Get immediate medical advice/attention. Never give anything by mouth to an unconscious person. Call a poison center or a doctor if you feel unwell.

4.2. Symptoms caused by exposure

Symptoms/effects after inhalation : May cause drowsiness or dizziness.

Symptoms/effects after skin contact : May cause moderate irritation. Irritation. May cause an allergic skin reaction.

Symptoms/effects after eye contact : Causes eye irritation. Eye irritation.

Symptoms/effects after ingestion : Harmful if swallowed.

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

Other medical advice or treatment : Treat symptomatically.

### SECTION 5: Firefighting measures

#### 5.1. Extinguishing media

Suitable extinguishing media : dry chemical powder, alcohol-resistant foam, carbon dioxide (CO2). Water spray. Dry powder.

Foam. Carbon dioxide.

Unsuitable extinguishing media : Do not use a heavy water stream.

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

Fire hazard : Not flammable.

General measures : Avoid contact with skin and eyes. Do not handle until all safety precautions have been read and

understood.

#### 5.3. Special protective equipment and precautions for fire-fighters

Firefighting instructions : Prevent fire fighting water from entering the environment. Use water spray or fog for cooling

exposed containers.

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Protection during firefighting : Use self-contained breathing apparatus and chemically protective clothing. Do not enter fire

area without proper protective equipment, including respiratory protection. Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus.

Complete protective clothing.

Hazchem Code : \* 32

Other information : On exposure to high temperature, may decompose, releasing toxic gases.

### **SECTION 6: Accidental release measures**

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

General measures : Avoid contact with skin and eyes. Do not handle until all safety precautions have been read and

understood.

6.1.1. For non-emergency personnel

Protective equipment : Gloves. Protective clothing. Protective goggles.

Emergency procedures : Ventilate spillage area. Avoid contact with skin and eyes. Wash contaminated clothes. Avoid

breathing dust/fume/gas/mist/vapours/spray. Only qualified personnel equipped with suitable

protective equipment may intervene.

6.1.2. For emergency responders

Protective equipment : Do not attempt to take action without suitable protective equipment. For further information

refer to section 8: "Exposure controls/personal protection".

#### 6.2. Environmental precautions

Avoid release to the environment. Do not allow to enter drains or water courses. Do not allow product to spread into the environment. Notify authorities if product enters sewers or public waters.

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

For containment : Absorb spilled material with sand or earth. Contain large spillage with sand or earth. Stop leak

without risks if possible.

Methods for cleaning up : Take up liquid spill into absorbent material. Absorb remaining liquid with sand or inert

absorbent and remove to safe place. Collect leaking and spilled liquid in sealable containers as far as possible. Scoop absorbed substance into closing containers or synthetic bags. Small quantities of liquid spill: take up in non-combustible absorbent material and shovel into container for disposal. Notify authorities if product enters sewers or public waters.

### SECTION 7: Handling and storage

#### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Avoid contact with skin, eyes and clothing. Clean

contaminated clothing. Do not discharge the waste into the drain. Do not eat, drink or smoke when using this product. Keep container tightly closed. Observe normal hygiene standards. Use only in well-ventilated areas. Wash hands and other exposed areas with mild soap and water before eating, drinking or smoking and when leaving work. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Avoid contact with skin and eyes. Wear personal protective equipment. Avoid breathing

dust/fume/gas/mist/vapours/spray. Take all necessary technical measures to avoid or minimize the release of the product on the workplace. Limit quantities of product at the minimum necessary for handling and limit the number of exposed workers. Provide local exhaust or general room ventilation. Floors, walls and other surfaces in the hazard area must be cleaned

regularly.

Hygiene measures : Wash thoroughly after handling. Wash hands and other exposed areas with mild soap and

water before eating, drinking or smoking and when leaving work. Wash contaminated clothing before reuse. Contaminated work clothing should not be allowed out of the workplace. Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

Separate working clothes from town clothes. Launder separately.

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

Storage conditions : Keep cool. Protect from sunlight. Protect from sunlight. Do not expose to temperatures

exceeding 50°C/122°F. Store in a well-ventilated place. Keep container tightly closed. Store

locked up. Store in a well-ventilated place. Keep cool.

Incompatible products : Oxidizing agent. Strong acids. Strong bases.

Storage temperature : 10 - 25 °C

Storage area : Protect against frost.

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### SECTION 8: Exposure controls/personal protection

#### 8.1. Control parameters - exposure standards

#### Exposure limit values for the other components

#### 8.2. Monitoring

#### 8.3. Appropriate engineering controls

Appropriate engineering controls : Ensure good ventilation of the work station.

#### 8.4. Personal protective equipment

Hand protection : Gloves. Nitrile rubber gloves

Eye protection : Chemical goggles or face shield. Safety glasses

Skin and body protection : Chemical resistant apron. Chemical resistant safety shoes

Respiratory protection : In case of insufficient ventilation, wear suitable respiratory equipment. Wear appropriate mask.

Where exposure through inhalation may occur from use, respiratory protection equipment is

recommended. [In case of inadequate ventilation] wear respiratory protection.









Environmental exposure controls : Avoid release to the environment.

### 9.1. SECTION 9: Physical and chemical properties

Physical state : Liquid

No data availableColour : Mixture contains one or more component(s) which have the following colour(s):

White Yellow Colourless No data available on colour Off-white to light grey Colourless to white

Dark grey to black

: No data available

: No data available

Odour : Odour threshold is subjective and inadequate to warn for overexposure.

Mixture contains one or more component(s) which have the following odour:

Odourless Mild odour Almost odourless Alcohol odour Stuffy odour

Odour threshold : No data available

pH : 8.3 – 8.5

Relative evaporation rate (butylacetate=1) : No data available

Melting point / Freezing point : Melting point : Not applicable

Boiling point :  $100 \, ^{\circ}\text{C}$ Flash point :  $> 60 \, ^{\circ}\text{C}$ 

Auto-ignition temperature : No data available Flammability : No data available Vapour pressure : No data available Relative density : No data available Density : Density: 1.075 g/cm3 : No data available Solubility : No data available Partition coefficient n-octanol/water (Log Pow) Viscosity : No data available Explosive properties : No data available Explosive limits : No data available

Percent Solids (Weight) : 54.4 %

Minimum ignition energy

Fat solubility

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Percent Solids (Volume) : 50.8 %
Percent Volatile (Weight) : 45.597 %
Percent Volatile (Volume) : 49.2 %

#### 10.1. SECTION 10: Stability and reactivity

Reactivity : No data available.No data available
Chemical stability : Stable under normal conditions.
Possibility of hazardous reactions : None under normal use.

Conditions to avoid : None under recommended storage and handling conditions (see section 7).

Incompatible materials : Strong acids. Strong bases. Oxidizing agent.

Hazardous decomposition products : No hazardous decomposition products known at room temperature.

#### 11.1. SECTION 11: Toxicological information

Likely routes of exposure : Dermal. Ingestion. Inhalation. Skin and eyes contact

Acute toxicity (oral) : Not classified
Acute toxicity (dermal) : Not classified
Acute toxicity (inhalation) : Not classified

epoxy resins, liquids, MM≤700 (25068-38-6)	
LD50 oral rat	> 2000 mg/kg (OECD 420: Acute Oral toxicity – Acute Toxic Class Method, Rat, Female, Experimental value, Oral, 14 day(s))
2,3-epoxypropyl o-tolyl ether (2210-79	9-9)
LD50 oral rat	> 5000 mg/kg (Rat, Oral)
LD50 dermal rat	> 2000 mg/kg (Rat, Dermal)
LC50 Inhalation - Rat	6.09 mg/l (4 h, Rat, Inhalation)

Skin corrosion/irritation : Slightly irritant but not relevant for classification

pH: 8.3 - 8.5

Serious eye damage/irritation : Slightly irritant but not relevant for classification

pH: 8.3 - 8.5

Respiratory or skin sensitisation : May cause an allergic skin reaction.

Germ cell mutagenicity : Suspected of causing genetic defects.

Carcinogenicity : Not classified

Reproductive toxicity : Not classified STOT-single exposure : Not classified STOT-repeated exposure : Not classified Aspiration hazard : Not classified

MAXICOAT 100 BLACK PART-A

Density 1.075 g/cm³

### **SECTION 12: Ecological information**

According to the National Code of Practice for the Preparation of Material Safety Data Sheets, Environmental classification information is not mandatory. Information relevant for GHS classification is available on request

#### 12.1. Ecotoxicity

Ecology - general : The product is not considered harmful to aquatic organisms nor to cause long-term adverse

effects in the environment.

Hazardous to the aquatic environment, short-

term (acute)

: Not classified

Hazardous to the aquatic environment, long-

term (chronic)

: Not classified

epoxy resins, liquids, MM≤700 (25068-38-6)	
LC50 - Fish [1]	2.3 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static
	system, Fresh water, Experimental value, Nominal concentration)

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epoxy resins, liquids, MM≤700 (25068-38-6)	
EC50 - Crustacea [1]	2 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 48 h, Daphnia magna, Static system, Fresh water, Experimental value)
BCF - Other aquatic organisms [1]	31 (Estimated value, Fresh weight)
Partition coefficient n-octanol/water (Log Pow)	3 (Estimated value, 25 °C)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.65 (log Koc, SRC PCKOCWIN v2.0, QSAR)
2,3-epoxypropyl o-tolyl ether (2210-79-9)	
LC50 - Fish [1]	1 – 10 mg/l (Pisces)
EC50 - Crustacea [1]	1 – 10 mg/l (Invertebrata)
Partition coefficient n-octanol/water (Log Pow)	2.16 (Estimated value)
SIL-CO-SIL 125 (14808-60-7)	
LC50 - Fish [1]	> 500 mg/l
EC50 - Crustacea [1]	> 300 mg/l
tetrasodium pyrophosphate (7722-88-5)	
LC50 - Fish [1]	> 100 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Oncorhynchus mykiss, Semi-static system, Fresh water, Experimental value, Lethal)
EC50 - Crustacea [1]	> 100 mg/l (EPA OTS 797.1300, 48 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	> 100 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Growth rate)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	2.17 (log Koc, Experimental value)
2-propanol (67-63-0)	
LC50 - Fish [1]	9640 – 10000 mg/l (Equivalent or similar to OECD 203, 96 h, Pimephales promelas, Flow-through system, Fresh water, Experimental value, Lethal)
Partition coefficient n-octanol/water (Log Pow)	0.05 (Weight of evidence approach, 25 °C)
diethylene glycol (111-46-6)	
LC50 - Fish [1]	75200 mg/l (96 h, Pimephales promelas, Flow-through system, Experimental value, Lethal)
EC50 - Crustacea [1]	> 10000 mg/l (DIN 38412-11, 24 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
BCF - Fish [1]	100 l/kg (3 day(s), Leuciscus melanotus, Static system, Fresh water, Experimental value)
Partition coefficient n-octanol/water (Log Pow)	-1.98 (Calculated)
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	0 (log Koc, SRC PCKOCWIN v2.0, QSAR)
carbon black (1333-86-4)	
LC50 - Fish [1]	> 1000 mg/l (OECD 203: Fish, Acute Toxicity Test, 96 h, Danio rerio, Semi-static system, Fresh water, Experimental value, Lethal)
EC50 - Crustacea [1]	> 5600 mg/l (OECD 202: Daphnia sp. Acute Immobilisation Test, 24 h, Daphnia magna, Static system, Fresh water, Experimental value, Locomotor effect)
ErC50 algae	> 10000 mg/l (OECD 201: Alga, Growth Inhibition Test, 72 h, Desmodesmus subspicatus, Static system, Fresh water, Experimental value, Nominal concentration)

# 12.2. Persistence and degradability

epoxy resins, liquids, MM≤700 (25068-38-6)		
Persistence and degradability	Not readily biodegradable in water.	
2,3-epoxypropyl o-tolyl ether (2210-79-9)		
Persistence and degradability	Biodegradability in soil: no data available. Not readily biodegradable in water.	

### 12.3. Bioaccumulative potential

epoxy resins, liquids, MM≤700 (25068-38-6)	
BCF - Other aquatic organisms [1]	See section 12.1 on ecotoxicology
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	See section 12.1 on ecotoxicology
Bioaccumulative potential	Low potential for bioaccumulation (BCF < 500).

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2,3-epoxypropyl o-tolyl ether (2210-79-9)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology
Bioaccumulative potential	Low potential for bioaccumulation (Log Kow < 4).

#### 12.4. Mobility in soil

epoxy resins, liquids, MM≤700 (25068-38-6)		
Surface tension	59 mN/m (20 °C, 0.09 g/l)	
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology	
Organic Carbon Normalized Adsorption Coefficient (Log Koc)	See section 12.1 on ecotoxicology	
Ecology - soil	Low potential for adsorption in soil.	
2,3-epoxypropyl o-tolyl ether (2210-79-9)		
Partition coefficient n-octanol/water (Log Pow)	See section 12.1 on ecotoxicology	

#### 12.5. Other adverse effects

Ozone : Not classified

Other adverse effects : No additional information available

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Fluorinated greenhouse gases	False
epoxy resins, liquids, MM≤700 (25068-38-6)	
Fluorinated greenhouse gases	False

### 2,3-epoxypropyl o-tolyl ether (2210-79-9)

Fluorinated greenhouse gases False

### **SECTION 13: Disposal considerations**

Waste treatment methods : Dispose of contents/container in accordance with licensed collector's sorting instructions.

Product/Packaging disposal recommendations : Dispose of contents/container in accordance with all local, regional, national and international

regulations.

### **SECTION 14: Transport information**

#### 14.1. UN number

Not regulated for transport

### 14.2. Proper Shipping Name - Addition

Proper Shipping Name (ADG)

### 14.3. Transport hazard class(es)

**ADG** 

Transport hazard class(es) (ADG) : Not applicable

**IMDG** 

Transport hazard class(es) (IMDG) : Not applicable

IATA

Transport hazard class(es) (IATA) : Not applicable

14.4. Packing group

Packing group (ADG) : Not applicable
Packing group (IMDG) : Not applicable
Packing group (IATA) : Not applicable

14.5. Environmental hazards

Marine pollutant : No

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14.6. Special precautions for user

Specific storage requirement : No data available
Shock sensitivity : No data available

14.7. Additional information

Other information : No supplementary information available

Transport by road and rail

Special provision (ADG) : 179, 274, 331, 335, AU01

Limited quantities (ADG) : 5

Packing instructions (ADG) : P001, IBC03, LP01

Special packing provisions (ADG) : PP1
Portable tank and bulk container instructions : T4

(ADG)

Portable tank and bulk container special : TP1, TP29

provisions (ADG)

Transport by sea

Not applicable

Air transport Not applicable

14.8. Hazchem or Emergency Action Code

Hazchem Code : \* 3Z

# **SECTION 15: Regulatory information**

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

Listed introduction on Australian Industrial : Listed introduction on Australian Industrial Chemicals Introduction Scheme (AICIS Inventory)

Chemicals Introduction Scheme (AICIS

Inventory)

15.2. International agreements

### **SECTION 16: Other information**

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Classification:

Skin Irrit. 2	H315	
Eye Irrit. 2A	H319	
Skin Sens. 1	H317	
Muta. 2	H341	

### Full text of H-statements:

Aquatic Chronic 2	Hazardous to the aquatic environment – Chronic Hazard, Category 2
Eye Irrit. 2A	Serious eye damage/eye irritation, Category 2A
Muta. 2	Germ cell mutagenicity, Category 2
Skin Irrit. 2	Skin corrosion/irritation, Category 2
Skin Sens. 1	Skin sensitisation, Category 1
H315	Causes skin irritation
H317	May cause an allergic skin reaction
H319	Causes serious eye irritation
H341	Suspected of causing genetic defects
H411	Toxic to aquatic life with long lasting effects

SDS Australia (Phoenix)

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