



# FLEXOSEAL BLACK

## Safety Data Sheet

according to the Model Work Health and Safety Regulations

Date of issue:05/03/2018

Revision date:19/03/2019

Supersedes: 05/03/2018

Version: 1.2

### SECTION 1: Identification : Product identifier and chemical identity

#### 1.1. Product identifier

Product form : Mixture  
Product name : FLEXOSEAL BLACK  
Product code : (4114)

#### 1.2. Other means of identification

No additional information available

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

No additional information available

#### 1.4. Supplier's details

Endura Paint PTY LTD  
40 Port Kembla Drive  
6163 Bibra Lake - Australia  
T (08) 9418 2999  
[www.phoenixpaints.com.au](http://www.phoenixpaints.com.au)

#### 1.5. Emergency phone number

Emergency number : In the event of an emergency involving dangerous goods: Please contact 0429 555 954

### SECTION 2: Hazards identification

#### 2.1. Classification of the hazardous chemical

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

Not classified

#### 2.2. Label elements

No labeling applicable

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/Information on ingredients

Name	CAS-No.	Compound type	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
kerosine (petroleum)	8008-20-6		< 6.217	Asp. Tox. 1, H304

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

First-aid measures after inhalation : Remove person to fresh air and keep comfortable for breathing.  
First-aid measures after skin contact : Wash skin with plenty of water.  
First-aid measures after eye contact : Rinse eyes with water as a precaution.  
First-aid measures after ingestion : Call a poison center/doctor/physician if you feel unwell.

#### 4.2. Symptoms caused by exposure

No additional information available

#### 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 : Water spray. Dry powder. Foam. Carbon dioxide.

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

No additional information available

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

Protection during firefighting : Do not attempt to take action without suitable protective equipment. Self-contained breathing apparatus. Complete protective clothing.

## SECTION 6: Accidental release measures

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

#### 6.1.1. For non-emergency personnel

Emergency procedures : Ventilate spillage area.

#### 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.

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

Methods for cleaning up : Take up liquid spill into absorbent material.

## SECTION 7: Handling and storage, including how the chemical may be safely used

### 7.1. Precautions for safe handling

Precautions for safe handling : Ensure good ventilation of the work station. Wear personal protective equipment.  
Hygiene measures : Do not eat, drink or smoke when using this product. Always wash hands after handling the product.

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

Storage conditions : Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters - exposure standards

kerosine (petroleum) (8008-20-6)		
USA - ACGIH	Local name	Kerosene/Jet fuels, as total hydrocarbon vapor
USA - ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	200 mg/m <sup>3</sup> (Kerosene/Jet fuels, as total hydrocarbon vapor; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Application restricted to conditions in which there are negligible aerosol exposures)
USA - ACGIH	Remark (ACGIH)	Skin; A3 (Confirmed Animal Carcinogen with Unknown Relevance to Humans: The agent is carcinogenic in experimental animals at a relatively high dose, by route(s) of administration, at site(s), of histologic type(s), or by mechanism(s) that may not be relevant to worker exposure. Available epidemiologic studies do not confirm an increased risk of cancer in exposed humans. Available evidence does not suggest that the agent is likely to cause cancer in humans except under uncommon or unlikely routes or levels of exposure)
USA - ACGIH	Regulatory reference	ACGIH 2017

### Exposure limit values of other components

### 8.2. Monitoring

No additional information available

### 8.3. Appropriate engineering controls

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

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### 8.4. Personal protective equipment

Hand protection	: Protective gloves
Eye protection	: Safety glasses
Skin and body protection	: Wear suitable protective clothing
Respiratory protection	: In case of insufficient ventilation, wear suitable respiratory equipment.
Environmental exposure controls	: Avoid release to the environment.

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

Physical state	: Liquid
Appearance	:
Color	: No data available
Odor	: No data available
Odor threshold	: No data available
pH	: No data available
Relative evaporation rate (butyl acetate=1)	: No data available
Melting point / Freezing point	: Melting point : Not applicable
Boiling point	: No data available
Flash point	: > 60 °C
Auto-ignition temperature	: No data available
Flammability (solid, gas)	: No data available
Vapor pressure	: No data available
Relative density	: No data available
Specific gravity / density	: Specific gravity / density : 1.079 g/cm <sup>3</sup>
Solubility	: No data available
Log Pow	: No data available
Viscosity	: No data available
Explosive properties	: No data available
Explosion limits	: No data available
Minimum ignition energy	: No data available
Fat solubility	: No data available
Percent Solids (Weight)	: 92.13 %
Percent Solids (Volume)	: 91.516 %
Percent Volatile (Weight)	: 7.862 %
Percent Volatile (Volume)	: 8.484 %

### 10.1. SECTION 10: Stability and reactivity

Reactivity	: The product is non-reactive under normal conditions of use, storage and transport. The product is non-reactive under normal conditions of use, storage and transport
Chemical stability	: Stable under normal conditions.
Possibility of hazardous reactions	: No dangerous reactions known under normal conditions of use.
Conditions to avoid	: None under recommended storage and handling conditions (see section 7).
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

### 11.1. SECTION 11: Toxicological information

Acute toxicity (oral)	: Not classified
Acute toxicity (dermal)	: Not classified
Acute toxicity (inhalation)	: Not classified
Skin corrosion/irritation	: Not classified
Serious eye damage/irritation	: Not classified

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Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: Not classified
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Not classified
Aspiration hazard	: Not classified

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Specific gravity / density	1.079 g/cm <sup>3</sup>

### 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.
Aquatic acute	: Not classified
Aquatic chronic	: Not classified

#### mixture of: 5-chloro-2-methyl-2H-isothiazol-3-one [EC no. 247-500-7] and 2-methyl-2H -isothiazol-3-one [EC no. 220-239-6] (3:1) (55965-84-9)

LC50 fish 1	0.28 mg/l (LC50; 96 h; Lepomis macrochirus)
EC50 Daphnia 1	0.16 mg/l (EC50; 48 h; Daphnia magna)
Threshold limit algae 1	0.018 mg/l (EC50; 72 h; Pseudokirchneriella subcapitata)

#### magnesium nitrate (10377-60-3)

LC50 fish 1	1378 mg/l (LC50; Equivalent or similar to OECD 203; 96 h; Poecilia reticulata; Static system; Fresh water; Read-across)
EC50 Daphnia 1	490 mg/l (EC50; 48 h; Daphnia magna)
Log Pow	-0.61 (Estimated value)
Threshold limit algae 1	> 1700 mg/l (EC50; 10 days; Nitzschia closterium)

#### copper(II) nitrate (3251-23-8)

LC50 fish 2	0.25 mg/l (LC50; 96 h)
EC50 other aquatic organisms 1	0.085 mg/l (336 h; Selenastrum capricornutum)
BCF fish 1	200 - 667 (BCF)
BCF other aquatic organisms 1	471 (BCF; 168 h; Daphnia magna)
BCF other aquatic organisms 2	2400 (BCF; 168 h; Daphnia magna)

#### polyethylene glycol monooleate (9004-96-0)

EC50 Daphnia 1	170 mg/l (EC50; 48 h)
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#### asphaltic bitumen, not cut back (8052-42-4)

Log Pow	> 6 (Calculated)
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#### quartz, conc respirable crystalline silica >=10% (14808-60-7)

LC50 fish 1	> 500 mg/l
EC50 Daphnia 1	> 300 mg/l

#### tetrasodium pyrophosphate (7722-88-5)

LC50 fish 1	> 1500 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 48 h; Leuciscus idus)
EC50 Daphnia 1	126 ppm (TLm; 72 h)

#### iron(II,III)oxide (1317-61-9)

LC50 fish 1	> 1000 mg/l (LC50; 48 h; Leuciscus idus)
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#### diethanolamine (111-42-2)

LC50 fish 1	1664 mg/l (LC50; 96 h; Pimephales promelas)
EC50 Daphnia 2	55 mg/l (EC50; 48 h)
Log Pow	-2.18 - -1.43 (Experimental value)

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<b>polyvinyl alcohol (9002-89-5)</b>	
LC50 fish 2	40 mg/l (LC50; 96 h; Pimephales promelas)
EC50 Daphnia 1	8.3 mg/l (EC50; 48 h; Daphnia sp.)
BCF fish 1	< 7.5 (BCF)

<b>2-chloro-1,3-butadiene, inhibited (126-99-8)</b>	
LC50 fish 1	245 mg/l (LC50; 96 h; Lepomis macrochirus)
EC50 Daphnia 1	348 mg/l (EC50; 24 h)
Log Pow	0.57 - 2.2
Threshold limit algae 1	380 mg/l (EC50; 168 h)

### 12.2. Persistence and degradability

No additional information available

### 12.3. Bioaccumulative potential

No additional information available

### 12.4. Mobility in soil

No additional information available

### 12.5. Other adverse effects

Ozone : Not classified

Other adverse effects : No additional information available

<b>FLEXOSEAL BLACK</b>	
Fluorinated greenhouse gases	False

  

<b>kerosine (petroleum) (8008-20-6)</b>	
Fluorinated greenhouse gases	False

## SECTION 13: Disposal considerations

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

## SECTION 14: Transport information

### 14.1. UN number

Not regulated for transport

### 14.2. Proper Shipping Name - Addition

Not applicable

### 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

### 14.6. Special precautions for user

Specific storage requirement : No data available

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Shock sensitivity : No data available

### 14.7. Additional information

Other information : No supplementary information available

#### Transport by road and rail

Not applicable

#### Transport by sea

Not applicable

#### Air transport

Not applicable

### 14.8. Hazchem or Emergency Action Code

Hazchemcode : Not applicable

## SECTION 15: Regulatory information

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

Listed on the AICS (the Australian Inventory of Chemical Substances) : Listed on the AICS (the Australian Inventory of Chemical Substances)

### 15.2. International agreements

No additional information available

## SECTION 16: Any other relevant information

Revision date : 19/03/2019

Classification:

Not classified	
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Full text of H-phrases:

Asp. Tox. 1	Aspiration hazard Category 1
H304	May be fatal if swallowed and enters airways

SDS Australia (Phoenix)

*This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product*