

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

#### 1.1. Product identifier

Product form : Mixture  
 Product name : WONDERCOAT PLUS ROAD MARKING WHITE  
 Product code : (4150)

#### 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.pheonixpaints.com.au](http://www.pheonixpaints.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)

Carcinogenicity, Category 1B H350  
 Specific target organ toxicity — Repeated exposure, Category 1 H372

#### 2.2. Label elements

Hazard pictograms (GHS-AU) :



Signal word (GHS-AU) : Danger  
 Contains : quartz, conc respirable crystalline silica  $\geq 10\%$  ( $< 5\%$ )  
 Hazard statements (GHS-AU) : H350 - May cause cancer  
 H372 - Causes damage to organs through prolonged or repeated exposure  
 Precautionary statements (GHS-AU) : P201 - Obtain special instructions before use.  
 P202 - Do not handle until all safety precautions have been read and understood.  
 P260 - Do not breathe dust/fume/gas/mist/vapors/spray.  
 P264 - Wash thoroughly after handling  
 P270 - Do not eat, drink or smoke when using this product.  
 P281 - Use personal protective equipment as required.  
 P308+P313 - IF exposed or concerned: Get medical advice/attention.  
 P314 - Get medical advice/attention if you feel unwell.  
 P405 - Store locked up.  
 P501 - Dispose of contents/container in accordance with all local, regional, national and international regulations.

#### 2.3. Other hazards

No additional information available

### SECTION 3: Composition/Information on ingredients

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according to the Model Work Health and Safety Regulations

Name	CAS-No.	Compound type	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
quartz, conc respirable crystalline silica $\geq$ 10%	14808-60-7		< 5	STOT RE 1, H372

### SECTION 4: First aid measures

#### 4.1. Description of first aid measures

- First-aid measures general : IF exposed or concerned: Get medical advice/attention. Call a poison center/doctor/physician if you feel unwell. Get medical advice/attention if you feel unwell.
- 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.

#### 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 : Only qualified personnel equipped with suitable protective equipment may intervene. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid breathing dust/fume/gas/mist/vapors/spray.

##### 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. Notify authorities if product enters sewers or public waters.

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

Methods for cleaning up : Take up liquid spill into absorbent material. Notify authorities if product enters sewers or public waters.

### 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. Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. 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. Wear personal protective equipment. Floors, walls and other surfaces in the hazard area must be cleaned regularly. Do not breathe dust/fume/gas/mist/vapors/spray. Avoid breathing dust/fume/gas/mist/vapors/spray.

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Hygiene measures : Separate working clothes from town clothes. Launder separately. 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 locked up. Store in a well-ventilated place. Keep cool.

## SECTION 8: Exposure controls/personal protection

### 8.1. Control parameters - exposure standards

quartz, conc respirable crystalline silica $\geq$ 10% (14808-60-7)		
USA - ACGIH	ACGIH TWA (mg/m <sup>3</sup> )	0.025 mg/m <sup>3</sup> (Silica-Crystalline Quartz; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value; Respirable fraction)

### 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.

### 8.4. Personal protective equipment

Hand protection : Protective gloves  
Eye protection : Safety glasses  
Skin and body protection : Wear suitable protective clothing  
Respiratory protection : Wear respiratory protection.  
Environmental exposure controls : Avoid release to the environment.

## 9.1. SECTION 9: Physical and chemical properties

Physical state : Liquid  
Color : Mixture contains one or more component(s) which have the following colour(s): Colourless No data available on colour Colourless to white Blue-green White Pure substance: white Unpurified: coloured Yellow to amber Red-brown to black Black  
Odor : There may be no odour warning properties, odour is subjective and inadequate to warn of overexposure.  
Mixture contains one or more component(s) which have the following odour: Irritating/pungent odour No data available on odour Odourless Almost odourless Characteristic odour  
Odor threshold : No data available  
pH : 7.5 - 8.5  
Relative evaporation rate (butyl acetate=1) : No data available  
Melting point / Freezing point : Melting point : Not applicable  
Boiling point :  $\approx$  100 °C  
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 : 1.301 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

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Minimum ignition energy	: No data available
VOC content (Regulatory - Less water and exempt solvents)	: 1.629 lb/gal
VOC content (Material - Actual)	: 10.612 g/l
	: 0.886 lb/gal
Fat solubility	: No data available
Percent Solids (Weight)	: 51.23 %
Percent Solids (Volume)	: 36.295 %
Percent Volatile (Weight)	: 48.77 %
Percent Volatile (Volume)	: 63.705 %

### 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

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

LD50 oral rat	> 5000 mg/kg
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Skin corrosion/irritation	: Not classified pH: 7.5 - 8.5
Serious eye damage/irritation	: Not classified pH: 7.5 - 8.5
Respiratory or skin sensitization	: Not classified
Germ cell mutagenicity	: Not classified
Carcinogenicity	: May cause cancer.
Reproductive toxicity	: Not classified
Specific target organ toxicity – single exposure	: Not classified
Specific target organ toxicity – repeated exposure	: Causes damage to organs through prolonged or repeated exposure.
Aspiration hazard	: Not classified

#### WONDERCOAT PLUS ROAD MARKING WHITE

Specific gravity / density	1.301 g/cm <sup>3</sup>
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### 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

#### ammonia, conc=2%, aqueous solution (1336-21-6)

Log Pow	-1.14
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according to the Model Work Health and Safety Regulations

### **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)

### **2,2,4-trimethyl-1,3-pentanediol monoisobutyrate (25265-77-4)**

LC50 fish 1	30 mg/l (LC50; 96 h; Pimephales promelas)
EC50 Daphnia 1	147.8 mg/l (EC50; 48 h)
Log Pow	3.47 (Experimental value)
Threshold limit algae 2	18.4 mg/l (EC50; 72 h)

### **titanium(IV) oxide (13463-67-7)**

EC50 Daphnia 1	> 100 mg/l (LC50; Equivalent or similar to OECD 202; 48 h; Daphnia magna; Static system; Fresh water; Weight of evidence)
Threshold limit algae 1	61 mg/l (EC50; Other; 72 h; Pseudokirchneriella subcapitata; Static system; Fresh water; Experimental value)

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

EC50 Daphnia 1	170 mg/l (EC50; 48 h)
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### **quartz, conc respirable crystalline silica $\geq$ 10% (14808-60-7)**

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

### **iron(III) oxide (1309-37-1)**

LC50 fish 1	> 1000 mg/l (LC50; 48 h)
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### **iron(II,III)oxide (1317-61-9)**

LC50 fish 1	> 1000 mg/l (LC50; 48 h; Leuciscus idus)
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### **1,2-propanediol (57-55-6)**

LC50 fish 2	51600 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Oncorhynchus mykiss)
EC50 Daphnia 1	34400 mg/l (EC50; 48 h)
Log Pow	-1.41 - -0.30 (-0.92; Experimental value; -1.07; Experimental value; Equivalent or similar to OECD 107; 20.5 °C)

## 12.2. Persistence and degradability

### **quartz, conc respirable crystalline silica $\geq$ 10% (14808-60-7)**

Persistence and degradability	Biodegradability: not applicable.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable

## 12.3. Bioaccumulative potential

No additional information available

## 12.4. Mobility in soil

No additional information available

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### 12.5. Other adverse effects

Ozone : Not classified  
Other adverse effects : No additional information available

#### WONDERCOAT PLUS ROAD MARKING WHITE

Fluorinated greenhouse gases	False
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#### quartz, conc respirable crystalline silica>=10% (14808-60-7)

Fluorinated greenhouse gases	False
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## 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

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

No additional information available

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### 15.2. International agreements

No additional information available

### SECTION 16: Any other relevant information

Classification:

Carc. 1B	H350
STOT RE 1	H372

Full text of H-phrases:

Carc. 1B	Carcinogenicity Category 1B
STOT RE 1	Specific target organ toxicity (repeated exposure) Category 1
H350	May cause cancer
H372	Causes damage to organs through prolonged or repeated exposure

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*