

SECTION 1: Identification : Product identifier and chemical identity

1.1. Product identifier

Product form : Mixture
 Product name : CEILING WHITE
 Product code : (3018)

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

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 2 H351

2.2. Label elements

Hazard pictograms (GHS-AU) :



Signal word (GHS-AU) : Warning
 Contains : titanium(IV) oxide (>= 13.118 %)
 Hazard statements (GHS-AU) : H351 - Suspected of causing cancer
 Precautionary statements (GHS-AU) : P201 - Obtain special instructions before use.
 P202 - Do not handle until all safety precautions have been read and understood.
 P281 - Use personal protective equipment as required.
 P308+P313 - IF exposed or concerned: Get medical advice/attention.
 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

Name	CAS-No.	Compound type	%	Classification according to the model Work Health and Safety Regulations (WHS Regulations)
titanium(IV) oxide	13463-67-7		>= 13.118	Carc. 2, H351

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according to the Model Work Health and Safety Regulations

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

SECTION 8: Exposure controls/personal protection

8.1. Control parameters - exposure standards

titanium(IV) oxide (13463-67-7)		
USA - ACGIH	Local name	Titanium dioxide
USA - ACGIH	ACGIH TWA (mg/m ³)	10 mg/m ³ (Titanium dioxide; USA; Time-weighted average exposure limit 8 h; TLV - Adopted Value)
USA - ACGIH	Remark (ACGIH)	LRT irr; A3

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according to the Model Work Health and Safety Regulations

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 : 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 : 1.399 g/cm³
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

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

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

titanium(IV) oxide (13463-67-7)	
LD50 oral rat	> 10000 mg/kg (Rat; OECD 425: Acute Oral Toxicity: Up-and-Down Procedure; Experimental value; > 5000 mg/kg bodyweight; Rat; Experimental value)
LD50 dermal rabbit	> 10000 mg/kg (Rabbit; Literature study)
LC50 inhalation rat (mg/l)	> 6.8 mg/l/4h (Rat; Experimental value)

Skin corrosion/irritation : Not classified
Serious eye damage/irritation : Not classified
Respiratory or skin sensitization : Not classified
Germ cell mutagenicity : Not classified
Carcinogenicity : Suspected of causing cancer.

Reproductive toxicity : Not classified
Specific target organ toxicity – single exposure : Not classified
Specific target organ toxicity – repeated exposure : Not classified
Aspiration hazard : Not classified

CEILING WHITE	
Specific gravity / density	1.399 g/cm ³

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

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)

aluminium oxide, non-fibrous (1344-28-1)	
LC50 fish 1	> 100 mg/l (NOEC; OECD 203: Fish, Acute Toxicity Test; 96 h; Salmo trutta; Flow-through system; Fresh water; Experimental value)
EC50 Daphnia 1	> 100 mg/l (NOEC; OECD 202: Daphnia sp. Acute Immobilisation Test; 48 h; Daphnia magna)
Threshold limit algae 1	> 100 mg/l (NOEC; OECD 201: Alga, Growth Inhibition Test; 72 h; Selenastrum capricornutum)

silicon dioxide, amorphous (7631-86-9)	
LC50 fish 1	> 10000 mg/l (LC50; 96 h)
EC50 Daphnia 1	> 10000 mg/l (EC50; 24 h)

zirconium dioxide (1314-23-4)	
LC50 fish 1	> 100 mg/l (LC50; OECD 203: Fish, Acute Toxicity Test; 96 h; Brachydanio rerio; Static system; Fresh water; Experimental value)
EC50 Daphnia 1	> 100 mg/l (EC50; EU Method C.2; 48 h; Daphnia magna; Static system; Fresh water; Experimental value)
BCF other aquatic organisms 1	0.64 (BCF; 24 h; Chlorella sp.; Fresh water)
Threshold limit algae 1	> 200 mg/l (NOEC; Other; 15 days; Chlorella vulgaris; Static system; Fresh water; Read-across)
Threshold limit algae 2	> 100 mg/l (ErC50; OECD 201: Alga, Growth Inhibition Test; 72 h; Desmodesmus subspicatus; Static system; Fresh water; Read-across)

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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)

polyethylene glycol monooleate (9004-96-0)	
EC50 Daphnia 1	170 mg/l (EC50; 48 h)

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)

ammonia, conc=2%, aqueous solution (1336-21-6)	
Log Pow	-1.14

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)

12.2. Persistence and degradability

titanium(IV) oxide (13463-67-7)	
Persistence and degradability	Biodegradability: not applicable. Low potential for mobility in soil.
Biochemical oxygen demand (BOD)	Not applicable
Chemical oxygen demand (COD)	Not applicable
ThOD	Not applicable

12.3. Bioaccumulative potential

titanium(IV) oxide (13463-67-7)	
Bioaccumulative potential	Not bioaccumulative.

12.4. Mobility in soil

No additional information available

12.5. Other adverse effects

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

CEILING WHITE	
Fluorinated greenhouse gases	False

titanium(IV) oxide (13463-67-7)	
Fluorinated greenhouse gases	False

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according to the Model Work Health and Safety Regulations

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

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 : 20/03/2019

Classification:

Carc. 2	H351
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Full text of H-phrases:

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Carc. 2	Carcinogenicity Category 2
H351	Suspected of causing cancer

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