

# TRULUX SAFETY DATA SHEET

Provides critical information on hazardous substances or mixtures.

## 1.1 COMPANY IDENTIFICATION

Company's name:	Trulux Pty Ltd
Email address:	<a href="mailto:info@trulux.com.au">info@trulux.com.au</a>
Website:	<a href="http://www.trulux.com.au">www.trulux.com.au</a>
Contact number:	+61 2 5566 0566

## 1.2 PRODUCT IDENTIFICATION

Trade name:	Structure XL
SKU:	RMTR-0508A
Classification:	Refer to clause 2

## 1.3 RELEVANT IDENTIFIED USES OF THE SUBSTANCE OR MIXTURE AND USES ADVISED AGAINST

Identified uses:	Raw Material
Uses advised against:	No further information available.

## 1.4 DETAILS OF THE SUPPLIER OF THE SUBSTANCE INFORMATION SHEET

Supplier's name:	Trulux Pty Ltd
Website:	<a href="http://www.trulux.com.au">www.trulux.com.au</a>
Address:	C3/ 1-3 Rodborough Road, Frenchs Forest NSW 2086 Australia

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**Doc:** RMSDS - Structure XL

**Issue date:** 11/07/2022  
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## 1.5 EMERGENCY CONTACTS - INSTITUTIONAL CENTRES

Australia Poisons Information Centre 13 11 26

## 2 HAZARDS IDENTIFICATION

### GHS Classification

Not a hazardous substance or mixture.

### GHS label elements

Not a hazardous substance or mixture.

### Other hazards which do not result in classification

Risk of dust explosion.

## 3 COMPOSITION/ INFORMATION ON INGREDIENTS

### Common Name

Polymer

### Chemical Nature

Substance

### Remarks

No hazardous ingredients.

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## 4 FIRST AID MEASURES

### General Advice

No hazards which require special first aid measures.

### Inhalation

Remove to fresh air. Keep patient warm and at rest. Rinse nose and mouth with water.

### Skin Contact

Remove contaminated clothing and shoes. Rinse with water.

### Eye Contact

Rinse with plenty of water. Remove contact lenses. Protect unharmed eye. Keep eye wide open while rinsing.

### Ingestion

Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person.

### Notes to physician

#### **Symptoms**

The symptoms and effects are as expected from the hazards as shown in section 2. No specific product related symptoms are known.

#### **Treatment**

Treat symptomatically.

## 5 FIRE FIGHTING MEASURES

### Suitable extinguishing media

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Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

## **Specific hazards during firefighting / Specific hazards arising from the chemical**

Do not allow run-off from fire fighting to enter drains or water courses.

Risks of ignition followed by flame propagation or secondary explosions shall be prevented by an accumulation of dust, e.g. on floors and ledges.

## **Combustion products**

Carbon oxides. Phosphates.

## **Special protective equipment for firefighters**

In the event of fire, wear self-contained breathing apparatus.

## **Further information**

Collect contaminated fire extinguishing water separately. This must not be discharged into drains.

Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

## **6 ACCIDENTAL RELEASE MEASURES**

### **Personal precautions**

Avoid dust formation.

### **Emergency measures on accidental release**

Follow safe handling advice and personal protective equipment recommendations.

### **Environmental precautions**

Try to prevent the material from entering drains or water courses.

### **Methods for cleaning up / Methods for containment**

Sweep up and shovel. Keep in suitable, closed containers for disposal.

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## 7 HANDLING AND STORAGE

### Handling

#### **Advice on safe handling**

Avoid creating dust. Keep away from heat/ sparks/ open flames/ hot surfaces. No smoking. No special handling advice required.

#### **Advice on protection against fire and explosion**

Provide appropriate exhaust ventilation at places where dust is formed. No sparking tools should be used.

#### **Dust explosion class**

St1

### Storage

#### **Requirements for storage areas and containers**

Store in original container. Keep in a dry place. Store between 5-25°C. Keep container tightly closed.

#### **Advice on common storage**

No special restrictions on storage with other products.

#### **Other data**

No decomposition if stored and applied as directed.

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Components with workplace control parameters

Contains no substances with occupational exposure limit values.

Components	Value	Control parameters	Basis	Form of exposure
Dust	TWA	4 mg/m3	AU OEL	Total dust

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## Engineering measures

Provide appropriate exhaust ventilation at places where dust is formed.

## Personal protective equipment

### Respiratory Protection

No personal respiratory protective equipment normally required. In the case of dust, vapour or aerosol formation use a respirator with an approved filter. Half mask with a particle filter P2 (EN 143).

### Hand Protection

Material: For prolonged or repeated contact use protective gloves.

Material: Protective gloves complying with EN 374.

### Eye Protection

Safety glasses.

### Hygiene Measures

General industrial hygiene practice.

## Environmental exposure controls

Try to prevent the material from entering drains or water courses.

## 9 PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Powder
Colour:	White
Odour:	Mild
Flammability (solid, gas):	May form combustible dust concentrations in air during processing, handling or other means.
Lower explosion limit / Lower flammability limit:	125,000 mg/m <sup>3</sup>

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Auto-ignition temperature:	> 100 °C
Water solubility:	Soluble
Explosive properties:	Not explosive.
Oxidising properties:	The substance or mixture is not classified as oxidizing.
Dust deflagration index (Kst) :	49 m.b_/s
Dust explosion class:	St1
Minimum ignition energy:	100 - 300 mJ
pH:	4.5 - 7 (Concentration: 1 %)

## 10 STABILITY AND REACTIVITY

Hazardous decomposition products:	No hazardous decomposition products are known.
Reactivity:	Stable under normal conditions.
Chemical Stability:	Stable under recommended storage conditions
Hazardous reactions:	Dust may form explosive mixture in the air.

## 11 TOXICOLOGICAL INFORMATION

### Potential Health Effects

#### Inhalation

Product dust may be irritating to the respiratory system.

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## Skin

Product dust may be irritating to skin.

## Eyes

Product dust may be irritating to eyes.

## Ingestion

Not expected to be irritating.

## Symptoms of Overexposure

The symptoms and effects are as expected from the hazards as shown in section 2. No specific product related symptoms are known.

## Toxicology Assessment

### Acute oral toxicity

LD50: Species: Rat

### Skin irritation

Species: Rabbit

Result: No skin irritation Read-across (Analogy)

## 12 ECOLOGICAL INFORMATION

### Ecotoxicity effects

#### Toxicity to daphnia and other aquatic invertebrates

EC50: > 100 mg/l

Exposure time: 48 h

Species: Daphnia magna (Water flea) Read-across (Analogy)

### Elimination information (persistence and degradability)

#### Bioaccumulation

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Bioaccumulation is unlikely.

## **Biodegradability**

Result: Readily biodegradable.

Method: OECD Test Guideline 301D

GLP: yes

## **13 DISPOSAL CONSIDERATIONS**

### **Contaminated packaging**

Empty remaining contents. Empty containers should be taken to an approved waste handling site for recycling or disposal.

## **14 TRANSPORT INFORMATION**

### **International Regulations**

#### **ADR**

Not regulated as a dangerous good.

#### **UNRTDG**

Not regulated as a dangerous good.

#### **IATA-DGR**

Not regulated as a dangerous good.

#### **IMDG-Code**

Not regulated as a dangerous good.

### **Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code**

Not applicable for product as supplied.

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## **Further information for transport**

Not classified as dangerous in the meaning of transport regulations.

## **National Regulations**

### **ADG**

Not regulated as a dangerous good.

## **15 REGULATORY AND OTHER INFORMATION**

Safety, health and environmental regulations specific for the mixture or substance:

### **Notification status**

TCSI: YES. On the inventory, or in compliance with the inventory.

AICS: YES. On the inventory, or in compliance with the inventory.

DSL: YES. All components of this product are on the Canadian DSL.

ENCS: YES. On the inventory, or in compliance with the inventory.

ISHL: YES. On the inventory, or in compliance with the inventory.

KECI: YES. On the inventory, or in compliance with the inventory.

PICCS: YES. On the inventory, or in compliance with the inventory.

IECSC: YES. On the inventory, or in compliance with the inventory.

NZIoC: YES. On the inventory, or in compliance with the inventory.

TSCA: YES. All chemical substances in this product are either listed on the TSCA Inventory or in compliance with a TSCA Inventory exemption.

### **Prohibition/Licensing Requirements**

There is no applicable prohibition, authorisation and restricted use requirements, including for carcinogens referred to in Schedule 10 of the model WHS Act and Regulations.

### **Standard for the Uniform Scheduling of Medicines and Poisons**

No poison schedule number allocated.

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## Further information

None.

## 16 OTHER INFORMATION

When handled properly by qualified personnel, the product described herein does not present a significant health or safety hazard. Alteration of its characteristics by concentration, evaporation, addition or other substances, or other means may present hazards not specifically addressed herein and which must be evaluated by the user. This sheet completes the technical sheets but it does not replace them. The information furnished herein is believed to be accurate and represents the best data currently available to us. No warranty, expressed or implied is made and Trulux Pty Ltd assumes no legal responsibility or liability whatsoever resulting from its use. This does not in any way excuse the user from knowing and applying all the regulations governing his activity. It is the sole responsibility of the user to take all precautions required in handling the product. This listing must not be considered exhaustive. It does exonerate the user from ensuring that other legal obligations than those mentioned do not exist, relating to the use and storage of the product for which he solely is responsible. The information and recommendations contained herein are to the best of the manufacturer's knowledge and belief accurate and reliable as of the date indicated. No representation warranty or guarantee, however, is made with regard to accuracy, reliability or completeness. Conditions of use of the material are under the control of the user; therefore, it is the user's responsibility to satisfy itself as to the suitability and completeness of such information for its own particular use.

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