

# 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:	Xiameter PMX-200 Silicone Fluid 50 cst
SKU:	RMTR-0555A
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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**Trulux SKU:** RMTR-0555A  
**Doc:** RMSDS - Xiameter PMX-200 Silicone Fluid 50 cst

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## 1.5 EMERGENCY CONTACTS - INSTITUTIONAL CENTRES

Australia Poisons Information Centre 13 11 26

## 2 HAZARDS IDENTIFICATION

### GHS Classification

Not classified as hazardous according to the criteria of the Work Health and Safety Regulations, Australia.

## 3 COMPOSITION/ INFORMATION ON INGREDIENTS

This product is a substance.

Substance Name	CAS Number	Hazard
Siloxanes and silicones, dimethyl	63148-62-9	Contains no hazardous ingredients according to GHS

## 4 FIRST AID MEASURES

### General Advice

If potential for exposure exists refer to Section 8 for specific personal protective equipment.

### Inhalation

Move person to fresh air and keep comfortable for breathing; consult a physician.

### Skin Contact

Wash off with plenty of water.

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## **Eye Contact**

Flush eyes thoroughly with water for several minutes. Remove contact lenses after the initial 1-2 minutes and continue flushing for several additional minutes. If effects occur, consult a physician, preferably an ophthalmologist.

## **Ingestion**

Rinse mouth with water. No emergency medical treatment necessary.

## **Most important symptoms and effects, both acute and delayed:**

Aside from the information found under Description of first aid measures (above) and Indication of immediate medical attention and special treatment needed (below), any additional important symptoms and effects are described in Section 11: Toxicology Information.

## **Indication of any immediate medical attention and special treatment needed**

**Notes to physician:** No specific antidote. Treatment of exposure should be directed at the control of symptoms and the clinical condition of the patient.

## **5 FIRE FIGHTING MEASURES**

### **Hazchem Code**

None Allocated.

### **Suitable extinguishing media**

Alcohol-resistant foam. Carbon dioxide (CO<sub>2</sub>). Dry chemical. Water spray.

### **Special hazards arising from the substance or mixture**

#### **Hazardous combustion products**

Carbon oxides. Silicon oxides.

#### **Unusual Fire and Explosion Hazards**

Exposure to combustion products may be a hazard to health.

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## **Advice for firefighters**

### **Fire Fighting Procedures**

Use water spray to cool unopened containers.. Evacuate area.. Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

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

Remove undamaged containers from fire area if it is safe to do so.

### **Special protective equipment for firefighters**

Wear self-contained breathing apparatus for firefighting if necessary.. Use personal protective equipment.

## **6 ACCIDENTAL RELEASE MEASURES**

### **Personal precautions**

Follow safe handling advice and personal protective equipment recommendations.

### **Environmental precautions**

Discharge into the environment must be avoided. Prevent further leakage or spillage if safe to do so. Prevent spreading over a wide area (e.g. by containment or oil barriers). Retain and dispose of contaminated wash water. Local authorities should be advised if significant spillages cannot be contained.

### **Methods and materials for containment and cleaning up**

Soak up with inert absorbent material. Clean up remaining materials from spill with suitable absorbant. Local or national regulations may apply to releases and disposal of this material, as well as those materials and items employed in the cleanup of releases. You will need to determine which regulations are applicable. For large spills, provide dyking or other appropriate containment to keep material from spreading. If dyked material can be pumped, store recovered material in appropriate container.

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## 7 HANDLING AND STORAGE

### Precautions for safe handling

Take care to prevent spills, waste and minimize release to the environment. Handle in accordance with good industrial hygiene and safety practice. CONTAINERS MAY BE HAZARDOUS WHEN EMPTY. Since emptied containers retain product residue follow all (M)SDS and label warnings even after container is emptied.

Use only with adequate ventilation.

### Conditions for safe storage

Keep in properly labelled containers. Store in accordance with the particular national regulations.

Do not store with the following product types: Strong oxidizing agents.

## 8 EXPOSURE CONTROLS AND PERSONAL PROTECTION

### Control Parameters

If exposure limits exist, they are listed below. If no exposure limits are displayed, then no values are applicable.

### Engineering controls

Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, general ventilation should be sufficient for most operations. Local exhaust ventilation may be necessary for some operations.

### Individual protection measures

#### **Eye / Face Protection**

Use safety glasses (with side shields).

#### **Hand Protection**

Use gloves chemically resistant to this material when prolonged or frequently repeated contact could occur.

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Use chemical resistant gloves classified under standard AS/NZS 2161.10: Protective gloves against chemicals and microorganisms. Examples of preferred glove barrier materials include: Butyl rubber. Natural rubber ("latex"). Neoprene. Nitrile/butadiene rubber ("nitrile" or "NBR"). Ethyl vinyl alcohol laminate ("EVAL"). Polyvinyl chloride ("PVC" or "vinyl"). When prolonged or frequently repeated contact may occur, a glove with a protection class of 3 or higher (breakthrough time greater than 60 minutes according to AS/NZS 2161.10) is recommended. NOTICE: The selection of a specific glove for a particular application and duration of use in a workplace should also take into account all relevant workplace factors such as, but not limited to: Other chemicals which may be handled, physical requirements (cut/puncture protection, dexterity, thermal protection), potential body reactions to glove materials, as well as the instructions/specifications provided by the glove supplier.

## Other Skin Protection

Wear clean, body-covering clothing.

## Respiratory Protection

Respiratory protection should be worn when there is a potential to exceed the exposure limit requirements or guidelines. If there are no applicable exposure limit requirements or guidelines, wear respiratory protection when adverse effects, such as respiratory irritation or discomfort have been experienced, or where indicated by your risk assessment process. For most conditions, no respiratory protection should be needed; however, if material is heated or sprayed, use an approved air-purifying respirator. The following should be effective types of air-purifying respirators: Organic vapor cartridge with a particulate pre-filter.

## Other Information

Selection and use of personal protective equipment should be in accordance with the recommendations in one or more of the relevant Australian/New Zealand Standards, including:

AS/NZS 1336: Eye and face protection – Guidelines.

AS/NZS 1337: Personal eye protection - Eye and face protectors for occupational applications.

AS/NZS 1715: Selection, use and maintenance of respiratory protective equipment.

AS/NZS 2161: Occupational protective gloves.

AS/NZS 2210: Occupational protective footwear.

AS/NZS 4501: Occupational protective clothing Set

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## 9 PHYSICAL AND CHEMICAL PROPERTIES

Physical State:	Liquid
Colour:	Colourless
Odour:	Characteristic
Boiling point (760 mmHg):	> 65 °C
Flash Point:	closed cup > 120 °C
Flammability (liquids):	Ignitable (see flash point)
Relative Density (water = 1):	0.96
Kinematic Viscosity:	50 cSt at 25 °C
Explosive properties:	Not explosive.
Oxidising properties:	The substance or mixture is not classified as oxidizing.
Liquid Density:	0.96 g/cm <sup>3</sup>

**NOTE:** The physical data presented above are typical values and should not be construed as a specification.

## 10 STABILITY AND REACTIVITY

### Reactivity

Not classified as a reactivity hazard.

### Chemical Stability

Stable under normal conditions.

### Possibility of hazardous reactions

Can react with strong oxidising agents. When heated to temperatures above 150 °C (300 °F) in the presence of air, trace quantities of formaldehyde may be released. Adequate ventilation is required.

### Incompatible materials

Avoid contact with oxidising materials.

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## **Hazardous decomposition products**

Decomposition products can include and are not limited to: Formaldehyde.

## **11 TOXICOLOGICAL INFORMATION**

### **Exposure routes**

Inhalation, Eye contact, Skin contact, Ingestion.

### **Acute toxicity (represents short term exposures with immediate effects - no chronic/delayed effects known unless otherwise noted)**

#### **Acute oral toxicity - Product**

Very low toxicity if swallowed. Harmful effects not anticipated from swallowing small amounts.

Typical for this family of materials.

LD50, Rat, > 15,400 mg/kg

#### **Acute dermal toxicity - Product**

Prolonged skin contact is unlikely to result in absorption of harmful amounts.

Typical for this family of materials.

LD50, Rabbit, > 2,000 mg/kg No deaths occurred at this concentration.

#### **Acute inhalation toxicity - Product**

Brief exposure (minutes) is not likely to cause adverse effects. Vapor from heated material or mist may cause respiratory irritation.

The LC50 has not been determined.

### **Skin corrosion/irritation - Product**

Based on product testing: Brief contact is essentially nonirritating to skin.

### **Serious eye damage/eye irritation - Product**

Based on product testing: Essentially nonirritating to eyes.

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## **Sensitization - Product**

For this family of materials, sensitization studies done in guinea pigs have been negative.

For respiratory sensitization: No relevant data found.

## **Specific Target Organ Systemic Toxicity (Single Exposure) - Product**

Available data are inadequate to determine single exposure specific target organ toxicity.

## **Aspiration Hazard - Product**

Based on physical properties, not likely to be an aspiration hazard.

## **Chronic toxicity (represents longer term exposures with repeated dose resulting in chronic/delayed effects - no immediate effects known unless otherwise noted)**

### **Specific Target Organ Systemic Toxicity (Repeated Exposure) - Product**

Based on available data, repeated exposures are not anticipated to cause significant adverse effects.

## **Carcinogenicity - Product**

For this family of materials: Did not cause cancer in long-term animal studies which used routes of exposure considered relevant to industrial handling. Positive results have been reported in other studies using routes of exposure not relevant to industrial handling.

## **Teratogenicity - Product**

For this family of materials: Did not cause birth defects or any other fetal effects in laboratory animals.

## **Reproductive toxicity - Product**

For this family of materials: In animal studies, did not interfere with reproduction.

## **Mutagenicity - Product**

For this family of materials: In vitro genetic toxicity studies were negative.

## **12 ECOLOGICAL INFORMATION**

### **Ecotoxicity**

#### **Acute toxicity to aquatic invertebrates**

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Material is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/L in the most sensitive species tested).

For this family of materials: EC50, Daphnia magna (Water flea), 48 Hour, > 200 mg/l

## 13 DISPOSAL CONSIDERATIONS

### Disposal Methods

DO NOT DUMP INTO ANY SEWERS, ON THE GROUND, OR INTO ANY BODY OF WATER. All disposal practices must be in compliance with all Federal, State/Provincial and local laws and regulations. Regulations may vary in different locations. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. AS YOUR SUPPLIER, WE HAVE NO CONTROL OVER THE MANAGEMENT PRACTICES OR MANUFACTURING PROCESSES OF PARTIES HANDLING OR USING THIS MATERIAL. THE INFORMATION PRESENTED HERE PERTAINS ONLY TO THE PRODUCT AS SHIPPED IN ITS INTENDED CONDITION AS DESCRIBED IN MSDS SECTION: Composition Information. FOR UNUSED & UNCONTAMINATED PRODUCT, the preferred options include sending to a licensed, permitted: Incinerator or other thermal destruction device.

### Treatment and disposal methods of used packaging

Empty containers should be recycled or otherwise disposed of by an approved waste management facility. Waste characterizations and compliance with applicable laws are the responsibility solely of the waste generator. Do not re-use containers for any purpose.

## 14 TRANSPORT INFORMATION

### ADG

Not regulated for transport.

### Classification for SEA transport (IMO-IMDG):

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

Consult IMO regulations before transporting ocean bulk.

## **Classification for AIR transport (IATA/ICAO)**

Not regulated for transport.

## **Hazchem Code**

None Allocated.

This information is not intended to convey all specific regulatory or operational requirements/information relating to this product. Transportation classifications may vary by container volume and may be influenced by regional or country variations in regulations. Additional transportation system information can be obtained through an authorized sales or customer service representative. It is the responsibility of the transporting organization to follow all applicable laws, regulations and rules relating to the transportation of the material.

## **15 REGULATORY AND OTHER INFORMATION**

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

## **Poison Schedule**

Not Scheduled.

## **Australian Inventory of Industrial Chemicals (AIIC)**

All substances contained in this product are listed on the Australian Inventory of Industrial Chemicals, or are not required to be listed.

## **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.

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## 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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