

# OC25A Part A Material Safety Data Sheet

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Issue date: October 2007

Hazardous according to criteria of Worksafe Australia

Kirkside Products OC25A Part A

## COMPANY DETAILS

Kirkside Products  
21 Roberts St  
Osborne Park 6017  
Western Australia  
Ph: (08) 9242 2990  
Fax: (08) 9242 4867

## IDENTIFICATION

|                               |                                |
|-------------------------------|--------------------------------|
| <b>Product Name:</b>          | Kirkside Products OC25A Part A |
| <b>Use:</b>                   | Polyurethane prepolymer        |
| <b>UN Number:</b>             | None allocated                 |
| <b>Proper Shipping Name:</b>  | NONE ALLOCATED                 |
| <b>Dangerous Goods Class:</b> | None allocated                 |
| <b>Subsidiary risk:</b>       | None allocated                 |
| <b>Packing Group:</b>         | None allocated                 |
| <b>Hazchem Code:</b>          | None allocated                 |

## PHYSICAL PROPERTIES

|   |  |
|---|--|
| <b>Appearance:</b>                            | Water Clear liquid, no distinct odour. |
| <b>Boiling Point 1°C:</b>                     | Not Available                          |
| <b>Vapour Pressure /mmHg at 25°C:</b>         | Not available                          |
| <b>Specific gravity:</b>                      | 1.02                                   |
| <b>Flashpoint PC:</b>                         | > 150°C                                |
| <b>Flammability limits /%:</b>                | Not available                          |
| <b>Solubility in Water /mgL<sup>-1</sup>:</b> | Not soluble, reacts                    |

**OTHER PROPERTIES:** None available

## INGREDIENTS

| SUBSTANCE NAME | Proportion | CAS Number |
|----------------|------------|------------|
| PREPOLYMER     | 100%       | Mixture    |

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## HEALTH HAZARD INFORMATION

### ACUTE HEALTH EFFECTS

Hazardous according to the criteria of Worksafe Australia

**Hazard Category:** Harmful

### ACUTE HEALTH EFFECTS

**Swallowed:**

May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach.

**Eye:**

May cause irritation to the eyes, with effects including: tearing, pain, and stinging and blurred vision.

**Skin:**

Will cause irritation to the skin, with effects including: Redness, itchiness, and possible dermatitis.

**Inhaled:**

Harmful if inhaled.

Will cause severe irritation to the nose, throat and respiratory system with effects including: Dizziness, headache, in coordination, chest pains, coughing, respiratory paralysis and or failure.

**Chronic:**

Prolonged or repeated exposure may lead to irreversible damage to health.

Prolonged or repeated contact with this substance will cause sensitisation by inhalation.

Prolonged or repeated contact with this substance will cause sensitisation by skin contact.

### FIRST AID

**Swallowed:**

If swallowed, DO NOT induce vomiting, unless instructed to do so by trained health professional. Transport to hospital or doctor.

**Eye:**

If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eyelids are held open. If irritation persists transport to hospital or doctor.

**Skin:**

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available.

If irritation persists transport to hospital or doctor.

**Inhaled:**

Open all doors, windows and/or vents. Move victim to fresh air. Apply resuscitation if victim is not breathing - If trained personnel available administer oxygen if breathing is difficult.

**First Aid Facilities:**

Eye wash fountain, safety shower and normal washroom facilities.

**Advice to Doctor:**

Treat symptomatically.

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## PRECAUTIONS FOR USE

### Exposure Standards

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### PREPOLYMER

No Exposure details available

### Engineering Controls

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.

Additional information for Engineering Controls

Prepolymer has the following Worksafe Australia exposure standards assigned:

TWA 0.02 mg/m<sup>3</sup>

STEL 0.07 mg/m<sup>3</sup>

Notices: Sen.

Prepolymer may cause sensitisation in some susceptible individuals.

### Personal Protection Equipment

CLOTHING: PVC or natural rubber apron or splash suit.

GLOVES: PVC or natural rubber.

EYES: Chemical goggles or face shield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of vapours. Select and use respirators in accordance with AS/NZS 1715/1716. When vapours exceed the exposure standards then the use an atmosphere-supplied, positive pressure demand self-contained or airline breathing apparatus supplied air respirator complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

## SAFE HANDLING INFORMATION

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

### Transport

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Subsidiary risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

Not classified as a Dangerous Good according to the Australian Code for the Transport of Dangerous Goods by Road and Rail (ADG Code) 6th Edition. Not classified as a Dangerous Good according to the UN, DOT (US), IACO (IATA) or IMO (IMDG).

Non Dangerous Good according to the ADG Code (6th Edition).

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Kirkside Products OC25A Part A

## Spills

Ventilate area. Remove all unnecessary personnel from spill area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Contain using sand or soil - prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Do not use sawdust.

Collect and seal in properly labelled containers for disposal.

Disposal For disposal information contact the State Land Waste Management Authority or the Environmental Protection Agency.

## Disposal

Whatever cannot be saved for recovery or recycling should be handled as hazardous waste and sent to an approved waste facility. Processing, use or contamination of this product may change the waste management options. State and local disposal regulations may differ from federal disposal regulations. Dispose of container and unused contents in accordance with federal, state and local requirements.

## Fire

### Fire/Explosion Hazard

If safe to do so, move undamaged containers from fire area.

Hazardous Decomposition Products: Decomposes on heating emitting soot, smoke and decomposition products.

Fire Fighting Procedures Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.

## Flammability

This material is not a flammable or combustible liquid.

# OTHER INFORMATION

## THE COMBINED ACUTE LETHAL INHALATION EFFECT OF THE MIXTURE

LC<sub>50</sub> inhalation, RAT: 1 < LC<sub>50</sub> =< 5 mg/L/4 hr

## RISK PHRASES

R20 Harmful by inhalation.

R42/43 May cause sensitisation by inhalation and skin contact.

## SAFETY PHRASES

S1/2 Keep locked up and out of reach of children.

S23 Do not breathe fumes/vapour.

S26 In case of contact with eyes, rinse immediately with plenty of water and contact a doctor or Poisons Information Centre.

S28 After contact with skin, wash immediately with plenty of warm soapy water

S38 In case of insufficient ventilation, wear suitable respiratory protection.

S45 In case of accident or if you feel unwell, contact a doctor or Poisons Information Centre immediately and show this container or label.

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Kirkside Products OC25A Part A

## Ecotoxicity

This product should not be disposed of in drains, sewers or waterways.

## Poison Schedule

Poison Schedule: S6

## CONTACT POINT

### Contact Point

Technical Manager +61 2 9666 3788

### Disclaimer

The information herein is to the best of our knowledge, correct and complete. It describes the safety requirements for this product and should not be construed as guaranteeing specific properties. Since methods and conditions are beyond our control we do not accept liability for any damages resulting from the use of, or reliance on, this information in inappropriate contexts.

# OC25A Part B Material Safety Data Sheet

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Issue date: October 2007

Not classified as Hazardous according to criteria of Worksafe Australia

Kirkside Products OC25A Part B

## COMPANY DETAILS

Kirkside Products

21 Roberts St

Osborne Park

Western Australia

Ph: (08) 9242 2990

Fax: (08) 9242 4867

## IDENTIFICATION

**Product Name:** Kirkside Products OC25A  
**Use:** Part B Polyurethane Elastomer  
**UN Number:** curative None allocated  
**Proper Shipping Name:** NONE ALLOCATED  
**Dangerous Goods Class:** None allocated  
**Subsidiary risk:** None allocated  
**Packing Group:** None allocated  
**Hazchem Code:** None allocated

## PHYSICAL PROPERTIES

**Appearance:** Clear liquid, no distinct odour.  
**Boiling Point PC:** Not Available  
**Vapour Pressure /mmHg at 25°C:** Not Available  
**Specific gravity:** 1.03  
**Flashpoint PC:** > 260 (pmcc)  
**Flammability limits /%:** Not available  
**Solubility in Water /mgL<sup>-1</sup>:** Slightly soluble

**OTHER PROPERTIES:** Percent volatile by volume: NIL

## INGREDIENTS

| SUBSTANCE NAME                   | Proportion       | CAS Number |
|----------------------------------|------------------|------------|
| POLYETHER POLYOL - NON HAZARDOUS | Greater than 60% | Mixture    |

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Not classified as Hazardous according to criteria of Worksafe Australia

Kirkside Products 0C25A Part B

## HEALTH HAZARD INFORMATION

### ACUTE HEALTH EFFECTS

Not classified as hazardous according to the criteria of Worksafe Australia

**Hazard Category:** None

### ACUTE HEALTH EFFECTS

#### Swallowed:

May cause irritation to mouth, throat and stomach with effects including mucous build up, irritation to the tongue and lips and pains in the stomach.

#### Eye:

May cause irritation to the eyes, with effects including: tearing, pain, and stinging and blurred vision.

#### Skin:

May cause irritation to the skin, with effects including: Redness and itchiness.

#### Inhaled:

May cause irritation to the nose, throat and respiratory system with effects including: Dizziness, headache and possible confusion.

#### Chronic:

### FIRST AID

#### Swallowed:

If swallowed, DO NOT induce vomiting, unless instructed to do so by trained health professional. Transport to hospital or doctor.

#### Eye:

If material is splashed into eyes, immediately, flush with plenty of water for 15 minutes, ensuring eyelids are held open. If irritation persists transport to hospital or doctor.

#### Skin:

If material is splashed onto the skin, remove any contaminated clothing and wash skin thoroughly with water and soap if available.

If irritation persists transport to hospital or doctor.

#### Inhaled:

Open all doors, windows and/or vents. Move victim to fresh air. Apply resuscitation if victim is not breathing - If trained personnel available administer oxygen if breathing is difficult.

#### First Aid Facilities:

Eye wash fountain, safety shower and normal washroom facilities.

#### Advice to Doctor:

Treat symptomatically.

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Kirkside Products OC25A Part B

## PRECAUTIONS FOR USE

### Exposure Standards

\*\*\*\*\*

### *POLYETHER POLYOL - NON HAZARDOUS*

No Exposure details available

### Engineering Controls

Maintain adequate ventilation at all times. In most circumstances natural ventilation systems are adequate unless the material is heated, reacted or otherwise changed in some type of chemical reaction, then the use of a local exhaust ventilation system is recommended.

### Personal Protection Equipment

CLOTHING: PVC or natural rubber apron or splash suit.

GLOVES: PVC or natural rubber.

EYES: Chemical goggles or face shield to protect eyes.

RESPIRATORY PROTECTION: Avoid breathing of vapours. Select and use respirators in accordance with AS/NZS 1715/1716. When vapours exceed the exposure standards then the use an atmosphere-supplied, positive pressure demand self-contained or airline breathing apparatus supplied air respirator complying with the requirements of AS/NZS 1715 is recommended. Filter capacity and respirator type depends on exposure levels. If entering spaces where the airborne concentration of a contaminant is unknown then the use of a Self-contained breathing apparatus (SCBA) with positive pressure air supply complying with AS/NZS 1715 / 1716, or any other acceptable International Standard is recommended.

## SAFE HANDLING INFORMATION

Store in a cool place and out of direct sunlight. Store away from sources of heat or ignition. Store away from oxidizing agents. Keep containers closed, when not using the product. Store in original packages as approved by manufacturer.

### Transport

UN Number: None allocated

Proper Shipping Name: NONE ALLOCATED

Dangerous Goods Class: None allocated

Subsidiary risk: None allocated

Packing Group: None allocated

Hazchem Code: None allocated

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## Kirkside Products OC25A Part B

### Spills

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Collect and seal in properly labelled containers for disposal.

Disposal For disposal information contact the State Land Waste Management Authority or the Environmental Protection Agency.

### Disposal

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### Fire

#### Fire/Explosion Hazard

If safe to do so, move undamaged containers from fire area.

Hazardous Decomposition Products: Decomposes on heating emitting soot, smoke and decomposition products.

Fire Fighting Procedures Fire fighters to wear Self-contained breathing apparatus (SCBA) in confined spaces, in oxygen deficient atmospheres or if exposed to products of decomposition. Full protective clothing is also recommended.

Extinguishing Media: Use extinguishing media suitable for surrounding fire situation.

### Flammability

This material is not a flammable or combustible liquid.

## OTHER INFORMATION

### RISK PHRASES

### SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.

### Ecotoxicity

This product should not be disposed of in drains, sewers or waterways.

### Poison Schedule

Poison Schedule: S6

## CONTACT POINT

### Contact Point

Technical Manager +61 2 9666 3788

### Disclaimer

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