

QCM40A Part A Material Safety Data Sheet

Page 1 of 5

Issue date: October 2007

Hazardous according to criteria of Worksafe Australia

Kirkside Products QCM40A Part A

COMPANY DETAILS

Kirkside Products

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

IDENTIFICATION

Product Name:	Kirkside Products QCM40A Part A
Use:	Polyurethane prepolymer
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

PHYSICAL PROPERTIES

Appearance:	Amber coloured liquid
Boiling Point /°C:	>250°C
Vapour Pressure @ 25°C /mmHg:	Not available
Specific gravity:	1.05
Flashpoint /°C:	> 150°C (Pensky martens closed cup)
Flammability limits /%:	Not available
Solubility in Water /mgL⁻¹:	Reacts with water

OTHER PROPERTIES:

Hazardous decomposition products above 205°C and on combustion are carbon dioxide, carbon monoxide and nitrogen oxide.

INGREDIENTS

SUBSTANCE NAME	Proportion	CAS Number
PREPOLYMER	100%	Mixture

This product contains approximately 14.7-1 5.3 % NCO

QCM40A Part A Material Safety Data Sheet

Page 2 of 5

Issue date: October 2007

Hazardous according to criteria of Worksafe Australia
Kirkside Products QCM40A Part A

HEALTH HAZARD INFORMATION

ACUTE HEALTH EFFECTS

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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, stinging and blurred vision.

Skin:

May cause severe irritation to the skin, with effects including: Redness, drying, and possible dermatitis.

Inhaled:

Harmful if inhaled.

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

Chronic:

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

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.

PRECAUTIONS FOR USE

Exposure Standards

QCM40A Part A Material Safety Data Sheet

Page 3 of 5

Issue date: October 2007

Hazardous according to criteria of Worksafe Australia

Kirkside Products QCM40A Part A

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/m³

STEL 0.07 mg/m³

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) .

QCM40A Part A Material Safety Data Sheet

Page 4 of 5

Issue date: October 2007

**Hazardous according to criteria of Worksafe Australia
Kirkside Products QCM40A 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

RISK PHRASES

R42 May cause sensitisation by inhalation.

SAFETY PHRASES

S2 Keep out of reach of children.

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.

Ecotoxicity

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

Poison Schedule

Poison Schedule: S6

QCM40A Part A Material Safety Data Sheet

Page 5 of 5

Issue date: October 2007

Hazardous according to criteria of Worksafe Australia

Kirkside Products QCM40A Part A

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.

QCM40A Part B Material Safety Data Sheet

Page 1 of 4

Issue date: May 2007

Not classified as Hazardous according to criteria of Worksafe Australia

Kirkside Products QCM40A Part B

COMPANY DETAILS

Kirkside Products

21 Roberts St
Osborne Park
Western Australia
Ph: (08) 9242 2990
Fax: (08) 92424867

IDENTIFICATION

Product Name:	Kirkside Products QCM40A Part B
Use:	Polyurethane elastomer curative
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

PHYSICAL PROPERTIES

Appearance:	Viscous Liquid
Boiling Point Melting Point:	not determined
Vapour Pressure:	not determined
Specific Gravity:	1.03
Flash Point:	not determined
Flammability Limits:	not determined
Solubility in Water:	soluble in water

Other Properties

Viscosity @ 25 °C	200cps
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INGREDIENTS

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

QCM40A Part B Material Safety Data Sheet

Page 2 of 4

Issue date: May 2007

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Kirkside Products QCM40A 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, 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:

None allocated

FIRST AID

Swallowed:

If swallowed, DO NOT induce vomiting. If victim is conscious give water. If sickness persists 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:

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.

QCM40A Part B Material Safety Data Sheet

Page 3 of 4

Issue date: May 2007

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Kirkside Products QCM40A 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/gases. Select and use respirators in accordance with AS/NZS 1715/1716. The use of a P1 dust mask (disposable) or with replaceable filters is recommended.

Filter capacity and respirator type depends on exposure levels and type of contaminant. 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
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Subsidiary risk:	None allocated
Packing Group:	None allocated
Hazchem Code:	None allocated

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Spills

Material may be slippery when spilt. Walk cautiously. Ventilate area. Wear protective equipment to prevent skin and eye contact, as outlined under personal protection in this MSDS. Bund area using sand or soil - to prevent run off into drains and waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal in properly labelled containers for disposal. Remainder of material can be washed to drain with plenty of water.

The acrylic resin will set to a hard to sticky clear coating that will adhere securely to most surfaces. It may be scrapped off after softening with solvent.

Disposal

Refer to appropriate authority in your State. Dispose of material through a licensed waste contractor. Advise flammable nature. Normally suitable for disposal by approved waste disposal agent.

QCM40A Part B Material Safety Data Sheet

Page 4 of 4

Issue date: May 2007

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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 oxides of carbon.

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 material.

OTHER INFORMATION

RISK PHRASES

None allocated

SAFETY PHRASES

S24/25 Avoid contact with skin and eyes.

Ecotoxicity

None allocated

Poison Schedule

Poison Schedule: S6

CONTACT POINT

Contact Point

Technical Manager +61 2 9666 3788

Disclaimer

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