

# ARDEX WPM 615 - TPO MEMBRANE

Chemwatch Independent Material Safety Data Sheet

Issue Date: 8-Sep-2009

NC317ECP

CHEMWATCH 22-0924

Version No:2.0

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## Section 1 - CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

### PRODUCT NAME

ARDEX WPM 615 - TPO MEMBRANE

### SYNONYMS

"Ardex WPM 615 - TPO Thermoplastic Membrane (white, grey)"

### PRODUCT USE

Waterproofing membrane.

### SUPPLIER

Company: Ardex Australia Pty Ltd

Address:

20 Powers Road

Seven Hills

NSW, 2147

AUS

Telephone: 1800 224 070

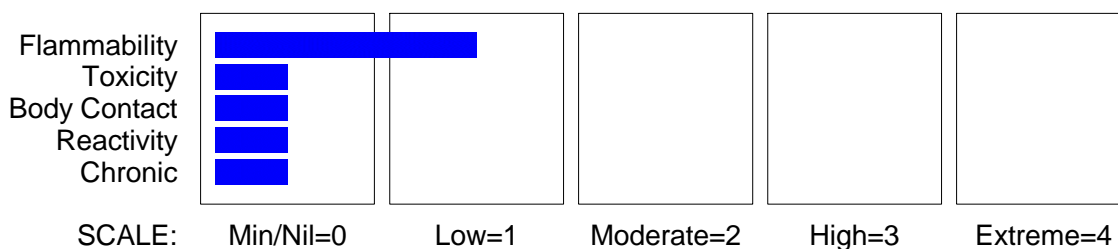
Fax: +61 2 9838 7817

## Section 2 - HAZARDS IDENTIFICATION

### STATEMENT OF HAZARDOUS NATURE

NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS. According to the Criteria of NOHSC, and the ADG Code.

### CHEMWATCH HAZARD RATINGS



### POISONS SCHEDULE

None

### RISK

None under normal operating conditions.

### SAFETY

None under normal operating conditions.

## Section 3 - COMPOSITION / INFORMATION ON INGREDIENTS

NAME	CAS RN	%
thermoplastic polymers, non hazardous		100

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## Section 4 - FIRST AID MEASURES

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### SWALLOWED

- Not applicable.

### EYE

- Not applicable.

### SKIN

- Not applicable.

### INHALED

- If fumes or combustion products are inhaled remove from contaminated area.
- Lay patient down. Keep warm and rested.
- Prostheses such as false teeth, which may block airway, should be removed, where possible, prior to initiating first aid procedures.
- Apply artificial respiration if not breathing, preferably with a demand valve resuscitator, bag-valve mask device, or pocket mask as trained. Perform CPR if necessary.
- Transport to hospital, or doctor.

### NOTES TO PHYSICIAN

- Treat symptomatically.

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## Section 5 - FIRE FIGHTING MEASURES

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### EXTINGUISHING MEDIA

- Foam.
- Dry chemical powder.
- BCF (where regulations permit).
- Carbon dioxide.
- Water spray or fog - Large fires only.

### FIRE FIGHTING

- Alert Fire Brigade and tell them location and nature of hazard.
- Wear breathing apparatus plus protective gloves.
- Prevent, by any means available, spillage from entering drains or water courses.
- Use water delivered as a fine spray to control fire and cool adjacent area.
- DO NOT approach containers suspected to be hot.
- Cool fire exposed containers with water spray from a protected location.
- If safe to do so, remove containers from path of fire.
- Equipment should be thoroughly decontaminated after use.

### FIRE/EXPLOSION HAZARD

- Combustible.

NOTE: Burns with intense heat. Produces melting, flowing, burning liquid and dense acrid black smoke. Decomposes on heating and produces acrid and toxic fumes of: carbon monoxide (CO), formaldehyde and acrolein.

### FIRE INCOMPATIBILITY

- Avoid contamination with strong oxidising agents as ignition may result.

HAZCHEM: None

### PERSONAL PROTECTION

Glasses:

Gloves:

continued...

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Section 5 - FIRE FIGHTING MEASURES

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Respirator:

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## Section 6 - ACCIDENTAL RELEASE MEASURES

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### MINOR SPILLS

- Clean up all spills immediately.
- Secure load if safe to do so.
- Bundle/collect recoverable product.
- Collect remaining material in containers with covers for disposal.

### MAJOR SPILLS

- Clean up all spills immediately.
- Secure load if safe to do so.
- Bundle/collect recoverable product.
- Collect remaining material in containers with covers for disposal.

Personal Protective Equipment advice is contained in Section 8 of the MSDS.

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## Section 7 - HANDLING AND STORAGE

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### PROCEDURE FOR HANDLING

- Remove all ignition sources.
- Limit all unnecessary personal contact.
- Wear protective clothing when risk of exposure occurs.
- Use in a well-ventilated area.
- When handling DO NOT eat, drink or smoke.
- Always wash hands with soap and water after handling.
- Avoid physical damage to containers.
- Use good occupational work practice.
- Observe manufacturer's storing and handling recommendations.

### SUITABLE CONTAINER

- Check that containers are clearly labelled.

### STORAGE INCOMPATIBILITY

- Avoid storage with oxidisers.

### STORAGE REQUIREMENTS

- Keep dry.
  - Store under cover.
  - Store in a well ventilated area.
  - Store away from sources of heat or ignition.
  - Observe manufacturer's storing and handling recommendations.
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## Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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### EXPOSURE CONTROLS

### MATERIAL DATA

ARDEX WPM 615 - TPO MEMBRANE:

None assigned.

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Section 8 - EXPOSURE CONTROLS / PERSONAL PROTECTION

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## PERSONAL PROTECTION

### EYE

- None under normal operating conditions.

### HANDS/FEET

- None under normal operating conditions.

### OTHER

- Overalls.
- Eyewash unit.

The local concentration of material, quantity and conditions of use determine the type of personal protective equipment required. For further information consult site specific CHEMWATCH data (if available), or your Occupational Health and Safety Advisor.

## ENGINEERING CONTROLS

- None under normal operating conditions.
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## Section 9 - PHYSICAL AND CHEMICAL PROPERTIES

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### APPEARANCE

White and grey sheet with no odour; insoluble in water.

### PHYSICAL PROPERTIES

Does not mix with water.

Floats on water.

Molecular Weight: Not Applicable  
Melting Range (°C): Not Available  
Solubility in water (g/L): Immiscible  
pH (1% solution): Not Applicable  
Volatile Component (%vol): Not Applicable  
Relative Vapour Density (air=1): Not Applicable  
Lower Explosive Limit (%): Not Applicable  
Autoignition Temp (°C): Not Available  
State: Manufactured

Boiling Range (°C): Not Applicable  
Specific Gravity (water= 1): 0.94  
pH (as supplied): Not Applicable  
Vapour Pressure (kPa): Not Applicable  
Evaporation Rate: Not Applicable  
Flash Point (°C): Not Applicable  
Upper Explosive Limit (%): Not Applicable  
Decomposition Temp (°C): Not Available  
Viscosity: Not Applicable

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## Section 10 - CHEMICAL STABILITY AND REACTIVITY INFORMATION

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### CONDITIONS CONTRIBUTING TO INSTABILITY

- Presence of incompatible materials.
- Product is considered stable.
- Hazardous polymerisation will not occur.

*For incompatible materials - refer to Section 7 - Handling and Storage.*

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## Section 11 - TOXICOLOGICAL INFORMATION

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### POTENTIAL HEALTH EFFECTS

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Section 11 - TOXICOLOGICAL INFORMATION

## ACUTE HEALTH EFFECTS

### SWALLOWED

- Considered an unlikely route of entry in commercial/industrial environments. Considered to be non toxic.
- Not normally a hazard due to physical form of product.

### EYE

- Not normally a hazard due to physical form of product.

### SKIN

- The material is non-irritating to the skin.

### INHALED

- Not normally a hazard due to non-volatile nature of product.

## CHRONIC HEALTH EFFECTS

- Primary route of exposure is usually by skin contact. Not considered an irritant through normal use.

## TOXICITY AND IRRITATION

- Not available. Refer to individual constituents.

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## Section 12 - ECOLOGICAL INFORMATION

No data

### Ecotoxicity

Ingredient	Persistence: Water/Soil	Persistence: Air	Bioaccumulation	Mobility
Ardex WPM 615 - TPO Membrane		No data		

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## Section 13 - DISPOSAL CONSIDERATIONS

- Recycle wherever possible or consult manufacturer for recycling options.
- Consult State Land Waste Management Authority for disposal.
- Bury residue in an authorised landfill.
- Recycle containers if possible, or dispose of in an authorised landfill.

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## Section 14 - TRANSPORTATION INFORMATION

HAZCHEM: None (ADG7)

NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS: ADG7, UN, IATA, IMDG

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## Section 15 - REGULATORY INFORMATION

POISONS SCHEDULE: None

continued...

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Section 15 - REGULATORY INFORMATION

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## REGULATIONS

No data for Ardex WPM 615 - TPO Membrane (CW: 22-0924)

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## Section 16 - OTHER INFORMATION

■ Classification of the preparation and its individual components has drawn on official and authoritative sources as well as independent review by the Chemwatch Classification committee using available literature references.

A list of reference resources used to assist the committee may be found at:  
[www.chemwatch.net/references](http://www.chemwatch.net/references).

■ The (M)SDS is a Hazard Communication tool and should be used to assist in the Risk Assessment. Many factors determine whether the reported Hazards are Risks in the workplace or other settings. Risks may be determined by reference to Exposures Scenarios. Scale of use, frequency of use and current or available engineering controls must be considered.

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*This is the end of the MSDS.*