



## Ardex TPO Eco Walkway Pad

Ardex (Ardex Australia)

Chemwatch: 22-0963  
Version No: 4.1.1.1  
Safety Data Sheet

Chemwatch Hazard Alert Code: 0

Issue Date: 18/01/2017  
Print Date: 06/02/2017  
S.GHS.SGP.EN

### SECTION 1 IDENTIFICATION OF THE SUBSTANCE / MIXTURE AND OF THE COMPANY / UNDERTAKING

#### Product Identifier

|                               |                           |
|-------------------------------|---------------------------|
| Product name                  | Ardex TPO Eco Walkway Pad |
| Synonyms                      | Not Available             |
| Other means of identification | Not Available             |

#### Relevant identified uses of the substance or mixture and uses advised against

|                          |                                             |
|--------------------------|---------------------------------------------|
| Relevant identified uses | Use according to manufacturer's directions. |
|--------------------------|---------------------------------------------|

#### Details of the supplier of the safety data sheet

|                         |                                               |                                                  |
|-------------------------|-----------------------------------------------|--------------------------------------------------|
| Registered company name | Ardex (Ardex Australia)                       | Ardex (Ardex NZ)                                 |
| Address                 | 20 Powers Road NSW Seven Hills 2147 Australia | 32 Lane Street Christchurch Woolston New Zealand |
| Telephone               | 1800 224 070                                  | +64 3373 6928                                    |
| Fax                     | 1300 780 102                                  | +64 3384 9779                                    |
| Website                 | Not Available                                 | Not Available                                    |
| Email                   | Not Available                                 | Not Available                                    |

#### Emergency telephone number

|                                   |                                 |               |
|-----------------------------------|---------------------------------|---------------|
| Association / Organisation        | Not Available                   | Not Available |
| Emergency telephone numbers       | 1800 224 070 (Mon-Fri, 9am-5pm) | +64 3373 6900 |
| Other emergency telephone numbers | Not Available                   | Not Available |

### SECTION 2 HAZARDS IDENTIFICATION

#### Classification of the substance or mixture

|                |                |
|----------------|----------------|
| Classification | Not Applicable |
|----------------|----------------|

#### Label elements

|                    |                |
|--------------------|----------------|
| GHS label elements | Not Applicable |
|--------------------|----------------|

|             |                |
|-------------|----------------|
| SIGNAL WORD | NOT APPLICABLE |
|-------------|----------------|

#### Hazard statement(s)

Not Applicable

#### Precautionary statement(s) Prevention

Not Applicable

#### Precautionary statement(s) Response

Not Applicable

#### Precautionary statement(s) Storage

Not Applicable

#### Precautionary statement(s) Disposal

Not Applicable

### SECTION 3 COMPOSITION / INFORMATION ON INGREDIENTS

Continued...

## Ardex TPO Eco Walkway Pad

**Substances**

See section below for composition of Mixtures

**Mixtures**

| CAS No        | %[weight] | Name                                       |
|---------------|-----------|--------------------------------------------|
| Not Available | <2        | fibrous glass                              |
| Not Available | >98       | Ingredients determined not to be hazardous |

**SECTION 4 FIRST AID MEASURES****Description of first aid measures**

|                     |                                                                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Eye Contact</b>  | ▶ Generally not applicable.                                                                                                                              |
| <b>Skin Contact</b> | If skin or hair contact occurs:<br>▶ Flush skin and hair with running water (and soap if available).<br>▶ Seek medical attention in event of irritation. |
| <b>Inhalation</b>   | ▶ Generally not applicable.                                                                                                                              |
| <b>Ingestion</b>    | ▶ Generally not applicable.                                                                                                                              |

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

Treat symptomatically.

**SECTION 5 FIREFIGHTING MEASURES****Extinguishing media**

- ▶ There is no restriction on the type of extinguisher which may be used.
- ▶ Use extinguishing media suitable for surrounding area.

**Special hazards arising from the substrate or mixture**

|                             |             |
|-----------------------------|-------------|
| <b>Fire Incompatibility</b> | None known. |
|-----------------------------|-------------|

**Advice for firefighters**

|                              |                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fire Fighting</b>         | ▶ Use water delivered as a fine spray to control fire and cool adjacent area.<br>▶ <b>Do not</b> approach containers suspected to be hot.<br>▶ Cool fire exposed containers with water spray from a protected location.<br>▶ If safe to do so, remove containers from path of fire.<br>Slight hazard when exposed to heat, flame and oxidisers. |
| <b>Fire/Explosion Hazard</b> | ▶ Non combustible.<br>▶ Not considered a significant fire risk, however containers may burn.                                                                                                                                                                                                                                                    |

**SECTION 6 ACCIDENTAL RELEASE MEASURES****Personal precautions, protective equipment and emergency procedures**

See section 8

**Environmental precautions**

See section 12

**Methods and material for containment and cleaning up**

|                     |                                                                                                                                                                                        |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Minor Spills</b> | ▶ Clean up all spills immediately.<br>▶ Secure load if safe to do so.<br>▶ Bundle/collect recoverable product.<br>▶ Collect remaining material in containers with covers for disposal. |
| <b>Major Spills</b> | ▶ Minor hazard.<br>▶ Clear area of personnel.<br>▶ Alert Fire Brigade and tell them location and nature of hazard.<br>▶ Wear physical protective gloves e.g. Leather.                  |

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

**SECTION 7 HANDLING AND STORAGE****Precautions for safe handling**

|                          |                                                                                                                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Safe handling</b>     | ▶ Limit all unnecessary personal contact.<br>▶ Wear protective clothing when risk of exposure occurs.<br>▶ Use in a well-ventilated area.<br>▶ <b>When handling DO NOT eat, drink or smoke.</b> |
| <b>Other information</b> | ▶ Keep dry.<br>▶ Store under cover.<br>▶ Protect containers against physical damage.<br>▶ Observe manufacturer's storage and handling recommendations contained within this SDS.                |

Continued...

## Ardex TPO Eco Walkway Pad

## Conditions for safe storage, including any incompatibilities

|                         |                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Suitable container      | <ul style="list-style-type: none"> <li>▶ Polyethylene or polypropylene container.</li> <li>▶ Packing as recommended by manufacturer.</li> <li>▶ Check all containers are clearly labelled and free from leaks.</li> </ul> |
| Storage incompatibility | <ul style="list-style-type: none"> <li>▶ Avoid reaction with oxidising agents</li> </ul>                                                                                                                                  |

## SECTION 8 EXPOSURE CONTROLS / PERSONAL PROTECTION

## Control parameters

## OCCUPATIONAL EXPOSURE LIMITS (OEL)

## INGREDIENT DATA

Not Available

## EMERGENCY LIMITS

| Ingredient                | Material name | TEEL-1        | TEEL-2        | TEEL-3        |
|---------------------------|---------------|---------------|---------------|---------------|
| Ardex TPO Eco Walkway Pad | Not Available | Not Available | Not Available | Not Available |

| Ingredient                                 | Original IDLH | Revised IDLH  |
|--------------------------------------------|---------------|---------------|
| fibrous glass                              | Not Available | Not Available |
| Ingredients determined not to be hazardous | Not Available | Not Available |

## Exposure controls

|                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Appropriate engineering controls | <p>Engineering controls are used to remove a hazard or place a barrier between the worker and the hazard. Well-designed engineering controls can be highly effective in protecting workers and will typically be independent of worker interactions to provide this high level of protection.</p> <p>The basic types of engineering controls are:</p> <p>Process controls which involve changing the way a job activity or process is done to reduce the risk.</p> <p>Enclosure and/or isolation of emission source which keeps a selected hazard "physically" away from the worker and ventilation that strategically "adds" and "removes" air in the work environment.</p> |
| Personal protection              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Eye and face protection          | <p>No special equipment for minor exposure i.e. when handling small quantities.</p> <p>OTHERWISE:</p> <ul style="list-style-type: none"> <li>▶ Safety glasses with side shields.</li> <li>▶ Contact lenses may pose a special hazard; soft contact lenses may absorb and concentrate irritants. A written policy document, describing the wearing of lenses or restrictions on use, should be created for each workplace or task.</li> </ul>                                                                                                                                                                                                                                 |
| Skin protection                  | See Hand protection below                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Hands/feet protection            | Wear general protective gloves, eg. light weight rubber gloves.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Body protection                  | See Other protection below                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Other protection                 | <p>No special equipment needed when handling small quantities.</p> <p>OTHERWISE:</p> <ul style="list-style-type: none"> <li>▶ Overalls.</li> <li>▶ Barrier cream.</li> <li>▶ Eyewash unit.</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Thermal hazards                  | Not Available                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

## SECTION 9 PHYSICAL AND CHEMICAL PROPERTIES

## Information on basic physical and chemical properties

|                                              |                                             |                                         |                |
|----------------------------------------------|---------------------------------------------|-----------------------------------------|----------------|
| Appearance                                   | Grey mat with no odour; insoluble in water. |                                         |                |
| Physical state                               | Manufactured                                | Relative density (Water = 1)            | Not Available  |
| Odour                                        | Not Available                               | Partition coefficient n-octanol / water | Not Available  |
| Odour threshold                              | Not Available                               | Auto-ignition temperature (°C)          | Not Applicable |
| pH (as supplied)                             | Not Applicable                              | Decomposition temperature               | Not Available  |
| Melting point / freezing point (°C)          | Not Available                               | Viscosity (cSt)                         | Not Applicable |
| Initial boiling point and boiling range (°C) | Not Applicable                              | Molecular weight (g/mol)                | Not Applicable |
| Flash point (°C)                             | Not Applicable                              | Taste                                   | Not Available  |
| Evaporation rate                             | Not Applicable                              | Explosive properties                    | Not Available  |
| Flammability                                 | Not Applicable                              | Oxidising properties                    | Not Available  |
| Upper Explosive Limit (%)                    | Not Applicable                              | Surface Tension (dyn/cm or mN/m)        | Not Applicable |

Continued...

## Ardex TPO Eco Walkway Pad

|                           |                |                           |                |
|---------------------------|----------------|---------------------------|----------------|
| Lower Explosive Limit (%) | Not Applicable | Volatile Component (%vol) | Not Applicable |
| Vapour pressure (kPa)     | Not Applicable | Gas group                 | Not Available  |
| Solubility in water (g/L) | Immiscible     | pH as a solution (1%)     | Not Applicable |
| Vapour density (Air = 1)  | Not Applicable | VOC g/L                   | Not Applicable |

## SECTION 10 STABILITY AND REACTIVITY

|                                    |                                                                                                                                                                                                      |
|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity                         | See section 7                                                                                                                                                                                        |
| Chemical stability                 | <ul style="list-style-type: none"> <li>▶ Unstable in the presence of incompatible materials.</li> <li>▶ Product is considered stable.</li> <li>▶ Hazardous polymerisation will not occur.</li> </ul> |
| Possibility of hazardous reactions | See section 7                                                                                                                                                                                        |
| Conditions to avoid                | See section 7                                                                                                                                                                                        |
| Incompatible materials             | See section 7                                                                                                                                                                                        |
| Hazardous decomposition products   | See section 5                                                                                                                                                                                        |

## SECTION 11 TOXICOLOGICAL INFORMATION

## Information on toxicological effects

|              |                                                                                                                                                                                                                                                                                                       |
|--------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Inhaled      | Not normally a hazard due to physical form of product.                                                                                                                                                                                                                                                |
| Ingestion    | Not normally a hazard due to physical form of product.                                                                                                                                                                                                                                                |
| Skin Contact | The material is not thought to produce adverse health effects or skin irritation following contact (as classified by EC Directives using animal models). Nevertheless, good hygiene practice requires that exposure be kept to a minimum and that suitable gloves be used in an occupational setting. |
| Eye          | Not normally a hazard due to physical form of product.                                                                                                                                                                                                                                                |
| Chronic      | This manufactured article is considered to have low hazard potential if handling and personal protection recommendations are followed                                                                                                                                                                 |

|                           |               |               |
|---------------------------|---------------|---------------|
| Ardex TPO Eco Walkway Pad | TOXICITY      | IRRITATION    |
|                           | Not Available | Not Available |

**Legend:** 1. Value obtained from Europe ECHA Registered Substances - Acute toxicity 2.\* Value obtained from manufacturer's SDS. Unless otherwise specified data extracted from RTECS - Register of Toxic Effect of chemical Substances

|                                   |   |                          |   |
|-----------------------------------|---|--------------------------|---|
| Acute Toxicity                    | ⊖ | Carcinogenicity          | ⊖ |
| Skin Irritation/Corrosion         | ⊖ | Reproductivity           | ⊖ |
| Serious Eye Damage/Irritation     | ⊖ | STOT - Single Exposure   | ⊖ |
| Respiratory or Skin sensitisation | ⊖ | STOT - Repeated Exposure | ⊖ |
| Mutagenicity                      | ⊖ | Aspiration Hazard        | ⊖ |

**Legend:** ✗ – Data available but does not fill the criteria for classification  
✔ – Data available to make classification  
⊖ – Data Not Available to make classification

## SECTION 12 ECOLOGICAL INFORMATION

## Toxicity

| Ingredient     | Endpoint                                                                                                                                                                                                                                                                                                                                                                           | Test Duration (hr) | Species        | Value          | Source         |
|----------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------------|----------------|----------------|
| Not Available  | Not Applicable                                                                                                                                                                                                                                                                                                                                                                     | Not Applicable     | Not Applicable | Not Applicable | Not Applicable |
| <b>Legend:</b> | Extracted from 1. IUCLID Toxicity Data 2. Europe ECHA Registered Substances - Ecotoxicological Information - Aquatic Toxicity 3. EPIWIN Suite V3.12 - Aquatic Toxicity Data (Estimated) 4. US EPA, Ecotox database - Aquatic Toxicity Data 5. ECETOC Aquatic Hazard Assessment Data 6. NITE (Japan) - Bioconcentration Data 7. METI (Japan) - Bioconcentration Data 8. Vendor Data |                    |                |                |                |

## Persistence and degradability

|            |                                       |                                       |
|------------|---------------------------------------|---------------------------------------|
| Ingredient | Persistence: Water/Soil               | Persistence: Air                      |
|            | No Data available for all ingredients | No Data available for all ingredients |

## Bioaccumulative potential

|            |                                       |
|------------|---------------------------------------|
| Ingredient | Bioaccumulation                       |
|            | No Data available for all ingredients |

## Mobility in soil

|            |                                       |
|------------|---------------------------------------|
| Ingredient | Mobility                              |
|            | No Data available for all ingredients |

## Ardex TPO Eco Walkway Pad

## SECTION 13 DISPOSAL CONSIDERATIONS

## Waste treatment methods

| Product / Packaging disposal | <ul style="list-style-type: none"> <li>▶ Recycle wherever possible or consult manufacturer for recycling options.</li> <li>▶ Consult State Land Waste Management Authority for disposal.</li> <li>▶ Bury residue in an authorised landfill.</li> <li>▶ Recycle containers if possible, or dispose of in an authorised landfill.</li> </ul> |
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## SECTION 14 TRANSPORT INFORMATION

## Labels Required

| Marine Pollutant | NO |
|------------------|----|
|------------------|----|

Land transport (UN): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Air transport (ICAO-IATA / DGR): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Sea transport (IMDG-Code / GGVSee): NOT REGULATED FOR TRANSPORT OF DANGEROUS GOODS

Transport in bulk according to Annex II of MARPOL and the IBC code

Not Applicable

## SECTION 15 REGULATORY INFORMATION

## Safety, health and environmental regulations / legislation specific for the substance or mixture

| National Inventory            | Status                                                                                                                                                                                               |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Australia - AICS              | Y                                                                                                                                                                                                    |
| Canada - DSL                  | Y                                                                                                                                                                                                    |
| Canada - NDSL                 | Y                                                                                                                                                                                                    |
| China - IECSC                 | Y                                                                                                                                                                                                    |
| Europe - EINEC / ELINCS / NLP | Y                                                                                                                                                                                                    |
| Japan - ENCS                  | Y                                                                                                                                                                                                    |
| Korea - KECI                  | Y                                                                                                                                                                                                    |
| New Zealand - NZIoC           | Y                                                                                                                                                                                                    |
| Philippines - PICCS           | Y                                                                                                                                                                                                    |
| USA - TSCA                    | Y                                                                                                                                                                                                    |
| <b>Legend:</b>                | <p>Y = All ingredients are on the inventory</p> <p>N = Not determined or one or more ingredients are not on the inventory and are not exempt from listing (see specific ingredients in brackets)</p> |

## SECTION 16 OTHER INFORMATION

## 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.

The 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.

## Definitions and abbreviations

PC — TWA: Permissible Concentration-Time Weighted Average  
 PC — STEL: Permissible Concentration-Short Term Exposure Limit  
 IARC: International Agency for Research on Cancer  
 ACGIH: American Conference of Governmental Industrial Hygienists  
 STEL: Short Term Exposure Limit  
 TEEL: Temporary Emergency Exposure Limit,  
 IDLH: Immediately Dangerous to Life or Health Concentrations  
 OSF: Odour Safety Factor  
 NOAEL :No Observed Adverse Effect Level  
 LOAEL: Lowest Observed Adverse Effect Level  
 TLV: Threshold Limit Value  
 LOD: Limit Of Detection  
 OTV: Odour Threshold Value  
 BCF: BioConcentration Factors  
 BEI: Biological Exposure Index

This document is copyright.

Apart from any fair dealing for the purposes of private study, research, review or criticism, as permitted under the Copyright Act, no part may be reproduced by any process without written permission from CHEMWATCH.

TEL (+61 3) 9572 4700.