SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

| Trade name: | Amtico International Universal 2-Part Adhesive, Component A |

1.2. Relevant identified uses of the substance/mixture and uses advised against

| Sector of Use: | SU19 Building and construction work SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen) For professional use only. |
| Product category | PC1 Adhesives, sealants |
| Application of the substance / the preparation | 2-Comp. Polyurethane Adhesive (Component A) |

1.3. Details of the supplier of the safety data sheet

| Manufacturer/Supplier: | Amtico International Kingfield Road, Coventry, CV6 5AA, UK Tel: +44(0)24 7686 1400 Fax: +44(0)24 7686 1552 |
| Further information obtainable from: | Information department email: info@amtico.com |

1.4. Emergency telephone number

+44 (0) 24 7686 1400 Opening hours: Mon - Fri 08:30-16:45

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

| Classification according to Regulation (EC) No 1272/2008 | The product is not classified according to the CLP regulation. |
| Classification according to Directive 67/548/EEC or Directive 1999/45/EC | Not applicable. |
| Information concerning particular hazards for human and environment: | The product does not have to be labelled due to the calculation procedure of the “General Classification guideline for preparations of the EU” in the latest valid version. |
| Additional information: | Also observe the safety data sheet of component B. |

2.2. Label elements

| Labelling according to EU guidelines: | The product is not subject to the labelling requirements under Regulation (EC) No 1272/2008 Observe the general safety regulations when handling chemicals. |

2.3. Other hazards

| Results of PBT and vPvB assessment | Not applicable. |

SECTION 3: Composition/information on ingredients

3.1. Chemical characterization

Mixtures

3.2. Description

Polyurethane Adhesive (Component A)

3.3. Dangerous components

Void

SECTION 4: First aid measures

4.1. Description of first aid measures

| General information | No special measures required. However, also observe the safety data sheet of component B. |
| After inhalation | In case of unconsciousness place patient stably in side position for transportation. Supply fresh air. Seek medical attention. |
| After skin contact | Immediately wash with water and soap and rinse thoroughly. If any irritation persists, seek medical attention. |
| After eye contact | Rinse opened eye for several minutes under running water. Then consult a doctor. |
| After swallowing | Do not induce vomiting; call for medical help immediately. |

4.2. Most important symptoms and effects, both acute and delayed

No further relevant information available.

4.3. Indication of any immediate medical attention and special treatment needed

Also observe the safety data sheet of component B
SECTION 5: Firefighting measures

5.1. Extinguishing media

<table>
<thead>
<tr>
<th>Suitable extinguishing media:</th>
<th>CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.</th>
</tr>
</thead>
</table>

For safety reasons unsuitable extinguishing agents:

| Water with full jet |

5.2. Special hazards arising from the substance or mixture

No further relevant information available.

5.3. Advice for firefighters

Protective equipment: Mouth respiratory protective device.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective equipment. Keep unprotected persons away.

6.2. Environmental precautions

Do not allow to enter sewers/surface or ground water.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (sand, diatomite, acid binders, universal binders, sawdust). Dispose contaminated material as waste according to item 13. Ensure adequate ventilation.

6.4. Reference to other sections

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

Also observe the safety data sheet of component B.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Wear suitable protective clothing, gloves and eye/face protection. Immediately remove all soiled and contaminated clothing. Avoid contact with the eyes and skin. Wash hands before breaks and at the end of work. Also observe the safety data sheet of component B. Keep away from foodstuffs, beverages and feed.

7.2. Conditions for safe storage, including any incompatibilities

Storage.

<table>
<thead>
<tr>
<th>Requirements to be met by storerooms and receptacles</th>
<th>No special requirements.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Information about storage in one common storage facility</td>
<td>Not required.</td>
</tr>
<tr>
<td>Further information about storage conditions</td>
<td>Keep container tightly sealed.</td>
</tr>
</tbody>
</table>

7.3. Specific end use(s)

No further relevant information available.

SECTION 8: Exposure controls/personal protection

Additional information about design of technical facilities:
No further data; see item 7.

8.1. Control parameters

| Ingredients with limit values that require monitoring at the workplace | The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace. |

8.2. Exposure controls

<table>
<thead>
<tr>
<th>Personal protective equipment</th>
<th>General protective and hygienic measures</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>The usual precautionary measures are to be adhered to when handling chemicals. Immediately remove all soiled and contaminated clothing. Wear suitable protective clothing, gloves and eye/face protection. Avoid contact with the eyes and skin. Wash hands before breaks and at the end of work. Also observe the safety data sheet of component B. Keep away from foodstuffs, beverages and feed.</td>
</tr>
</tbody>
</table>

Respiratory protection

Ensure that room is well ventilated during processing. Respiratory protection required in insufficiently ventilated working areas. An air-fed mask, or for short periods of work, a combination of charcoal filter and particulate filter is recommended (A2-P2).

Protection of hands

Use gloves of stable material (e.g. Nitrile) - if necessary tricoted to improve the wearability.

Material of gloves

Butyl rubber, BR
Nitrile rubber, NBR
Recommended thickness of the material: ≥ 0.5 mm

Penetration time of glove material

The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.

Eye protection

Tightly sealed goggles. (EN166)
SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form</td>
<td>Pasty</td>
</tr>
<tr>
<td>Colour</td>
<td>Beige</td>
</tr>
<tr>
<td>Odour</td>
<td>Light</td>
</tr>
<tr>
<td>Odour threshold</td>
<td>Not determined</td>
</tr>
<tr>
<td>pH-value</td>
<td>Not determined</td>
</tr>
<tr>
<td>Melting point/Melting range</td>
<td>Undetermined</td>
</tr>
<tr>
<td>Boiling point/Boiling range</td>
<td>Undetermined</td>
</tr>
<tr>
<td>Flash point</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>Not determined</td>
</tr>
<tr>
<td>Auto-ignition Temperature</td>
<td>Product is not selfigniting</td>
</tr>
<tr>
<td>Explosive Properties</td>
<td>Product does not present an explosion hazard</td>
</tr>
<tr>
<td>Viscosity Dynamic at 20°C</td>
<td>180000 mPas</td>
</tr>
<tr>
<td>Viscosity Kinematic</td>
<td>Not determined</td>
</tr>
<tr>
<td>Viscosity Organic solvents content</td>
<td>0.0%</td>
</tr>
</tbody>
</table>

9.2. Other information

No further relevant information available.

SECTION 10: Stability and reactivity

10.1. Reactivity

No further relevant information available

10.2. Chemical stability

Thermal decomposition / conditions to be avoided:
No decomposition if used according to specifications.

10.3. Possibility of hazardous reactions

No dangerous reactions known.

10.4. Conditions to avoid

No further relevant information available.

10.5. Incompatible materials

No further relevant information available.

10.6. Hazardous decomposition products

No dangerous decomposition products known.

Additional information

Also observe the safety data sheet of component B.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

<table>
<thead>
<tr>
<th>Effect</th>
<th>Classification Criteria Met</th>
</tr>
</thead>
<tbody>
<tr>
<td>Acute toxicity</td>
<td>Not met</td>
</tr>
<tr>
<td>Primary irritant effect</td>
<td></td>
</tr>
<tr>
<td>Skin corrosion/irritation</td>
<td>Based on available data, the classification criteria are met.</td>
</tr>
<tr>
<td>Serious eye damage/irritation</td>
<td>Based on available data, the classification criteria are met.</td>
</tr>
<tr>
<td>Respiratory or skin sensitisation</td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td>Additional toxicological effects</td>
<td>Also observe the safety data sheet of component B.</td>
</tr>
<tr>
<td>CMR effects</td>
<td></td>
</tr>
<tr>
<td>Germ cell mutagenicity</td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td>Carcinogenicity</td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td>Reproductive toxicity</td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td>STOT-single exposure</td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td>STOT-repeated exposure</td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Based on available data, the classification criteria are not met.</td>
</tr>
</tbody>
</table>

CMR effects (carcinogenity, mutagenicity and toxicity for reproduction)

Germ cell mutagenicity
Based on available data, the classification criteria are not met.

Carcinogenicity
Based on available data, the classification criteria are not met.

Reproductive toxicity
Based on available data, the classification criteria are not met.

STOT-single exposure
Based on available data, the classification criteria are not met.

STOT-repeated exposure
Based on available data, the classification criteria are not met.

Aspiration hazard
Based on available data, the classification criteria are not met.
SECTION 12: Ecological information

12.1. Toxicity
Aquatic toxicity:
No further relevant information available.

12.2. Persistence and degradability:
No further relevant information available.

12.3. Bioaccumulative potential:
No further relevant information available.

12.4. Mobility in soil:
No further relevant information available.

Additional ecological information:
General notes:
Do not allow product to reach ground water, water course or sewage system.

12.5. Results of PBT and vPvB assessment:

<table>
<thead>
<tr>
<th>PBT:</th>
<th>Not applicable.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PvB:</td>
<td>Not applicable.</td>
</tr>
</tbody>
</table>

12.6. Other adverse effects
No further relevant information available.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Recommendation: Do not allow product to reach sewage system.
Mix both product components, allow to harden, then dispose of as construction waste.
Disposal should be in accordance with local, state or national legislation.
Cured Universal 2 Part Adhesive Component A
Waste Code 08 04 10

13.2. Uncleaned packaging

Recommendation: Empty contaminated packagings thoroughly.
They may be recycled after thorough and proper cleaning.
Uncured Universal 2 Part Adhesive Component A
Waste Code 08 04 10

SECTION 14: Transport information

14.1. UN number
ADR, ADN, IMDG, IATA: Not applicable

14.2. UN proper shipping name
ADR, ADN, IMDG, IATA: Not applicable

14.3. Transport hazard class(es)
ADR, ADN, IMDG, IATA: Not applicable

14.4. Packing group
ADR, IMDG, IATA: Not applicable

14.5. Environmental hazards
Marine pollutant: No

14.6. Special Precautions for User
Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code
Not applicable.

Transport/Additional information:
Not dangerous according to the above specifications.
UN "Model Regulation": Void

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture
No further relevant information available.

15.2. Chemical safety assessment
A Chemical Safety Assessment has not been carried out.

SECTION 16: Other information

This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.
Recommended restriction of use:- For professional use only.