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

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

1.3. Details of the supplier of the safety data sheet

<table>
<thead>
<tr>
<th>Manufacturer/Supplier:</th>
<th>Amtico International Kingfield Road, Coventry, CV6 5AA, UK Tel: +44(0)24 7686 1400 Fax: +44(0)24 7686 1552</th>
</tr>
</thead>
<tbody>
<tr>
<td>Further information obtainable from:</td>
<td>Information department email: <a href="mailto:info@amtico.com">info@amtico.com</a></td>
</tr>
</tbody>
</table>

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

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

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. |

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.1. Chemical characterization

Mixtures

3.2. Description

Polyurethane Adhesive (Component A)

3.3. Dangerous components

Not applicable

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

<table>
<thead>
<tr>
<th>General information</th>
<th>No special measures required. However, also observe the safety data sheet of component B.</th>
</tr>
</thead>
<tbody>
<tr>
<td>After inhalation</td>
<td>In case of unconsciousness place patient stably in side position for transportation. Supply fresh air. Seek medical attention.</td>
</tr>
<tr>
<td>After skin contact</td>
<td>Immediately wash with water and soap and rinse thoroughly. If any irritation persists, seek medical attention.</td>
</tr>
<tr>
<td>After eye contact</td>
<td>Rinse opened eye for several minutes under running water. Then consult a doctor.</td>
</tr>
<tr>
<td>After swallowing</td>
<td>Do not induce vomiting; call for medical help immediately.</td>
</tr>
<tr>
<td>Information for doctor</td>
<td>Most important symptoms and effects, both acute and delayed No further relevant information available.</td>
</tr>
<tr>
<td>Indication of any immediate medical attention and special treatment needed</td>
<td>No further relevant information available.</td>
</tr>
</tbody>
</table>
SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Suitable extinguishing media: CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.

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. Keep away from foodstuffs, beverages and feed. Also observe the safety data sheet of component B.

7.2. Information about fire - and explosion protection
No special measures required.

7.3. Conditions for safe storage, including any incompatibilities
Storage.

Requirements to be met by storerooms and receptacles: No special requirements.
Information about storage in one common storage facility: Not required.
Further information about storage conditions: Keep container tightly sealed.

7.4. Specific end use(s)
No further relevant information available.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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>Respiratory protection</td>
<td>Not normally required. Ensure that room is well ventilated during processing.</td>
</tr>
<tr>
<td>Protection of hands</td>
<td>Use gloves of stable material (e.g. Nitrile) - if necessary tricoted to improve the wearability.</td>
</tr>
<tr>
<td>Material of gloves</td>
<td>Butyl rubber, BR Nitrile rubber, NBR</td>
</tr>
<tr>
<td>Recommended thickness of the material:</td>
<td>≥ 0.5 mm</td>
</tr>
<tr>
<td>Penetration time of glove material</td>
<td>The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.</td>
</tr>
<tr>
<td>Eye protection</td>
<td>Tightly sealed goggles</td>
</tr>
</tbody>
</table>

Also observe the safety data sheet of component B.
SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

General Information

Appearance:
Form: Pasty
Colour: Beige
Odour: Light
Odour threshold: Not determined.

pH-value: Not determined.

Change in condition:
Melting point/Melting range: Undetermined.
Boiling point/Boiling range: Undetermined.
Flash point: Not applicable.

Ignition temperature:
Decomposition temperature: Not determined.
Self-igniting: Product is not self-igniting.

Danger of explosion: Product does not present an explosion hazard.

Explosion limits:
Lower: Not determined.
Upper: Not determined.
Vapour pressure: Not determined.
Density at 20°C: 1.6 g/m³
Relative density: Not determined.
Vapour density: Not determined.
Evaporation rate: Not determined.

Solubility in / Miscibility with water: Not miscible or difficult to mix.
Partition coefficient (n-octanol/water): Not determined.

Viscosity:
Dynamic at 20°C: 180000 mPas
Kinematic: Not determined.

Organic solvents content: 0.0%

9.2. Other information
No further relevant information available.

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

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.

10.7. Additional information
Also observe the safety data sheet of component B.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Acute toxicity:
Primary irritant effect:
On the skin: No irritant effect.
On the eye: No irritant effect.
Sensitization: No sensitizing effects known.

Additional toxicological information:
The product is not subject to classification according to the calculation method of the General EU Classification Guidelines for Preparations as issued in the latest version. When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

However, also observe the safety data sheet of component B.

SECTION 12: ECOLOGICAL INFORMATION

12.1. Toxicity

Aquatic toxicity:
No further relevant information available.

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

Behaviour in environmental systems:

12.3. Bioaccumulative potential:
No further relevant information available.

Mobility in soil:
No further relevant information available.

12.4. 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:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>PBT:</td>
<td>Not applicable</td>
</tr>
<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
IMDG, IATA: Not applicable

14.2. UN proper shipping name
Not applicable

14.3. Transport hazard class(es)
Not applicable

14.4. Packing group
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

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.

Contact: See section 1.3

Abbreviations and acronyms:

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RID:</td>
<td>Règlement international concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)</td>
</tr>
<tr>
<td>IATA-DGR:</td>
<td>Dangerous Goods Regulations by the &quot;International Air Transport Association&quot; (IATA)</td>
</tr>
<tr>
<td>ICAO:</td>
<td>International Civil Aviation Organization</td>
</tr>
<tr>
<td>ICAO-TI:</td>
<td>Technical Instructions by the &quot;International Civil Aviation Organization&quot; (ICAO)</td>
</tr>
<tr>
<td>ADR:</td>
<td>Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)</td>
</tr>
<tr>
<td>IMDG:</td>
<td>International Maritime Code for Dangerous Goods</td>
</tr>
<tr>
<td>IATA:</td>
<td>International Air Transport Association</td>
</tr>
<tr>
<td>GHS:</td>
<td>Globally Harmonized System of Classification and Labelling of Chemicals</td>
</tr>
</tbody>
</table>