SAFETY DATA SHEET
AMTICO SF ADHESIVE

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

1.1. Product identifier
Product name AMTICO SF ADHESIVE
Internal identification SFA-25, SFA-5, SFA-15

1.2. Relevant identified uses of the substance or mixture and uses advised against
Identified uses Flooring Adhesive
Uses advised against No specific uses advised against are identified.

1.3. Details of the supplier of the safety data sheet
Supplier The Amtico Company Ltd
Kingfield Road,
Coventry,
England.
CV6 5AA
+44 (0) 24 7686 1400

1.4. Emergency telephone number
Emergency telephone +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 (EC 1272/2008)
Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

2.2. Label elements
Hazard statements EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE, 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures
Composition comments No classified ingredients, or those having occupational exposure limits, present above the levels of disclosure.

SECTION 4: First aid measures

4.1. Description of first aid measures
General information Treat symptomatically.
AMTICO SF ADHESIVE

Inhalation  Fresh air.
Ingestion  Rinse mouth thoroughly with water. Give plenty of water to drink. Do not induce vomiting. Get medical attention if any discomfort continues.
Skin contact  Wash skin thoroughly with soap and water. Remove contaminated clothing.
Eye contact  Rinse immediately with plenty of water. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

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

General information  The product is considered to be a low hazard under normal conditions of use.
Inhalation  No specific symptoms known.
Ingestion  No specific symptoms known.
Skin contact  May cause sensitisation or allergic reactions in sensitive individuals.
Eye contact  May cause temporary eye irritation.

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

Notes for the doctor  Treat symptomatically.

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media  The product is not flammable. Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards  No unusual fire or explosion hazards noted.
Hazardous combustion products  Does not decompose when used and stored as recommended.

5.3. Advice for firefighters

Protective actions during firefighting  No specific firefighting precautions known.
Special protective equipment for firefighters  Wear chemical protective suit.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions  Wear protective gloves and, in case of splashes, goggles/face shield too.

6.2. Environmental precautions

Environmental precautions  Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up  Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely.

6.4. Reference to other sections

Reference to other sections  For personal protection, see Section 8. See Section 11 for additional information on health hazards. For waste disposal, see section 13.

SECTION 7: Handling and storage
AMTICO SF ADHESIVE

7.1. Precautions for safe handling
Usage precautions
Provide adequate ventilation. Good personal hygiene procedures should be implemented.

Advice on general occupational hygiene
Wash at the end of each work shift and before eating, smoking and using the toilet.

7.2. Conditions for safe storage, including any incompatibilities
Storage precautions
Keep separate from food, feedstuffs, fertilisers and other sensitive material. Store in closed original container at temperatures between 5°C and 30°C. Protect from freezing and direct sunlight.

7.3. Specific end use(s)
Specific end use(s)
The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective equipment

Appropriate engineering controls
Provide adequate ventilation.

Personal protection
Always check applicability with your supplier of protective equipment.

Eye/face protection
Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible.

Hand protection
Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Other skin and body protection
No specific requirements are anticipated under normal conditions of use.

Hygiene measures
Provide eyewash station. No specific hygiene procedures recommended but good personal hygiene practices should always be observed when working with chemical products.

Respiratory protection
No specific recommendations.

Thermal hazards
None

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance
Viscous liquid.

Colour
White/off-white.

Odour
Characteristic.

Odour threshold
Not determined.

pH
pH (concentrated solution): 7.0 - 8.0

Melting point
Not applicable.

Initial boiling point and range
Not determined.
AMTICO SF ADHESIVE

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flash point</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Evaporation rate</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Evaporation factor</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Flammability (solid, gas)</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Upper/lower flammability or explosive limits</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Other flammability</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Vapour pressure</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Vapour density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Relative density</td>
<td>1.12 - 1.17 @ 20°C</td>
</tr>
<tr>
<td>Bulk density</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Solubility(ies)</td>
<td>Soluble in water.</td>
</tr>
<tr>
<td>Partition coefficient</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Decomposition Temperature</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Viscosity</td>
<td>30000 - 40000 mPa s @ 20°C</td>
</tr>
<tr>
<td>Explosive properties</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Explosive under the influence of a flame</td>
<td>Not considered to be explosive.</td>
</tr>
<tr>
<td>Oxidising properties</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Comments</td>
<td>Information given is applicable to the product in its ready-to-use form.</td>
</tr>
</tbody>
</table>

9.2. Other information

<table>
<thead>
<tr>
<th>Property</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Other information</td>
<td>None.</td>
</tr>
<tr>
<td>Refractive index</td>
<td>Not available.</td>
</tr>
<tr>
<td>Particle size</td>
<td>Not applicable.</td>
</tr>
<tr>
<td>Molecular weight</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Volatility</td>
<td>24 - 26% (water)</td>
</tr>
<tr>
<td>Saturation concentration</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Critical temperature</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Volatile organic compound</td>
<td>This product contains a maximum VOC content of 10 g/l.</td>
</tr>
</tbody>
</table>

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity: There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability: Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions
AMTICO SF ADHESIVE

**Possibility of hazardous reactions**
No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.4. Conditions to avoid

Conditions to avoid
Avoid freezing. Avoid exposure to high temperatures or direct sunlight.

10.5. Incompatible materials

Materials to avoid
No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products
Does not decompose when used and stored as recommended.

### SECTION 11: Toxicological information

**11.1. Information on toxicological effects**

Toxicological effects
No information available.

Acute toxicity - oral

Notes (oral LD₅₀)
No specific test data are available.

Acute toxicity - dermal

Notes (dermal LD₅₀)
No specific test data are available.

Acute toxicity - inhalation

Notes (inhalation LC₅₀)
No specific test data are available.

Skin corrosion/irritation

Skin corrosion/irritation
Not irritating. Not corrosive to skin.

Animal data
No specific test data are available.

Human skin model test
No specific test data are available.

Extreme pH
No specific test data are available.

Serious eye damage/irritation

Serious eye damage/irritation
Not irritating.

Respiratory sensitisation

Respiratory sensitisation
Not sensitising.

Skin sensitisation

Skin sensitisation
Not sensitising.

Germ cell mutagenicity

Genotoxicity - in vitro
Not determined.

Genotoxicity - in vivo
Not determined.

Carcinogenicity

Carcinogenicity
Does not contain any substances known to be carcinogenic.

Target organ for carcinogenicity
Not relevant.

IARC carcinogenicity
Not listed.

Reproductive toxicity
# AMTICO SF ADHESIVE

<table>
<thead>
<tr>
<th>Category</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reproductive toxicity - fertility</td>
<td>Does not contain any substances known to be toxic to reproduction.</td>
</tr>
<tr>
<td>Reproductive toxicity - development</td>
<td>Not considered to be toxic to the reproductive system.</td>
</tr>
<tr>
<td>Specific target organ toxicity - single exposure</td>
<td>STOT - single exposure: Not applicable.</td>
</tr>
<tr>
<td>Target organs</td>
<td>Not relevant.</td>
</tr>
<tr>
<td>Specific target organ toxicity - repeated exposure</td>
<td>STOT - repeated exposure: Not applicable.</td>
</tr>
<tr>
<td>Target organs</td>
<td>Not relevant.</td>
</tr>
<tr>
<td>Aspiration hazard</td>
<td>Not relevant.</td>
</tr>
</tbody>
</table>

**General information**

No specific health hazards known.

**Inhalation**

The product is considered to be a low hazard under normal conditions of use.

**Ingestion**

No harmful effects expected from quantities likely to be ingested by accident.

**Skin contact**

Skin irritation should not occur when used as recommended.

**Eye contact**

May cause discomfort.

**Acute and chronic health hazards**

No specific health hazards known.

**Medical symptoms**

No specific symptoms noted.

**Medical considerations**

No information available.

## SECTION 12: Ecological Information

<table>
<thead>
<tr>
<th>Ecotoxicity</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>12.1. Toxicity</td>
<td></td>
</tr>
<tr>
<td>Toxicity</td>
<td>Not considered toxic to fish.</td>
</tr>
<tr>
<td>Acute toxicity - fish</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Acute toxicity - aquatic invertebrates</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Acute toxicity - aquatic plants</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Acute toxicity - microorganisms</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Acute toxicity - terrestrial</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Chronic toxicity - fish early life stage</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Short term toxicity - embryo and sac fry stages</td>
<td>Not determined.</td>
</tr>
<tr>
<td>Chronic toxicity - aquatic invertebrates</td>
<td>Not determined.</td>
</tr>
</tbody>
</table>
AMTICO SF ADHESIVE

12.2. Persistence and degradability

Persistence and degradability  There are no data on the degradability of this product.

Phototransformation  Not determined.

Stability (hydrolysis)  Not determined.

Biodegradation  Not determined.

Biological oxygen demand  No specific test data are available.

Chemical oxygen demand  No specific test data are available.

12.3. Bioaccumulative potential

Bioaccumulative potential  No data available on bioaccumulation.

Partition coefficient  Not applicable.

12.4. Mobility in soil

Mobility  The product is non-volatile.

Adsorption/desorption coefficient  Not determined.

Henry's law constant  Not determined.

Surface tension  Not determined.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment  This substance is not classified as PBT or vPvB according to current EU criteria.

12.6. Other adverse effects

Other adverse effects  None known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Disposal methods  Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority. Small quantities may be absorbed in sand and allowed to dry, prior to disposal as low hazard waste. Larger quantities should be disposed of as controlled liquid waste via a licensed waste operator.

SECTION 14: Transport information

General  The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

Transport labels  No transport warning sign required.

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code
AMTICO SF ADHESIVE

SECTION 15: Regulatory information

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

National regulations
Control of Substances Hazardous to Health Regulations 2002 (as amended).

Guidance
Workplace Exposure Limits EH40.
Safety Data Sheets for Substances and Preparations.

Authorisations (Title VII Regulation 1907/2006)
No specific authorisations are known for this product.

Restrictions (Title VIII Regulation 1907/2006)
No specific restrictions on use are known for this product.

15.2. Chemical safety assessment
No chemical safety assessment has been carried out.

SECTION 16: Other information

Abbreviations and acronyms used in the safety data sheet
ATE: Acute Toxicity Estimate.
PBT: Persistent, Bioaccumulative and Toxic substance.
vPvB: Very Persistent and Very Bioaccumulative.

Key literature references and sources for data
Health and Safety Executive Guidance Note EH40 (amended annually). Workplace Exposure Limits.

Revision comments
Section 1 update

Revision date
05/12/2017

Revision
12

Supersedes date
30/03/2016

SDS status
Approved.

Hazard statements in full
EUH208 Contains 1,2-BENZISOTHIAZOL-3(2H)-ONE, 5-CHLORO-2-METHYL-2H-ISOTHIAZOL-3-ONE AND 2-METHYL-2H-ISOTHIAZOL-3-ONE. May produce an allergic reaction.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.