SAFETY DATA SHEET

BAMFutura 308 - Hot Melt Adhesive

1. Identification of the Substance/Preparation and of the Company Undertaking

1.1 Commercial Product Name

BAMFutura 308

1.2 Relevant Identified Uses of the Substances or Mixture and Uses Advised Against

Identified uses:	Hot melt adhesive for industrial uses: Uses of substances as such or in preparations at industrial sites. Formulation (mixing) of preparations and/or re-packaging (excluding alloys).
Uses advised against:	Uses other than those recommended.

1.3 Details of the Supplier of the Safety Data Sheet

Beardow & Adams (Adhesives) Limited
32 Blundells Road
Bradville
Milton Keynes
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Fax: (+44) 1908 574060
Email: msds@beardowadams.com

1.4 Emergency Telephone Number

(+44) 1908 574000 (GMT Office hours only).

2. Hazards Identification

2.1 Classification of the Substance or Mixture

According to Regulation (EC) No 1272/2008 (CLP)

Not classified.

Further Information

During use, the product is applied at elevated temperatures, exposing the user to the possibility of severe burns unless suitable precautions are taken. Exposure to high levels of fumes at application temperature may cause irritation of the eyes and respiratory tract. If adhesive is overheated, especially using a naked flame, it will burn. Excessive fuming indicates overheating. Product may accumulate static charges.

2.2 Label Elements

According to Regulation EC No 1272/2008 (CLP)

No Label elements according to Regulation (EC) No 1272/2008.

3. Composition/Information on Ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

No hazardous substance(s) required for disclosure. Product is a hot melt adhesive based on thermoplastic polymers.

4. First Aid Measures

4.1 General Information

Get medical attention if symptoms occur. Ensure that medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Wash contaminated clothing before reuse. Take off contaminated clothing and shoes immediately.

4.2 Inhalation

If exposed to excessive levels of fume from hot product remove to fresh air and get medical attention. Cold product does not pose an inhalation hazard.

4.3 Skin Contact

Contact with cold product does not present a hazard. If burned by contact with hot material, cool molten material adhering to skin as quickly as possible with water and seek medical advice for removal of adhering material and treatment of burn. Adhesive may be softened with olive oil or liquid paraffin. When hot melt removed treat as thermal burn.

4.4 Eye Contact

If hot product enters eye flush area with large quantity of clean, cold water. Urgently seek medical assistance.

4.5 Ingestion

In the unlikely event of ingestion seek medical advice.

5. Fire Fighting Measures

5.1 Suitable Extinguishing Media

Dry chemical powder
Carbon dioxide
Earth
Sand
Foam

Unsuitable extinguishing media for safety reasons

Water should not be used as burning product may float on water.

5.2 Special Hazards/Combustion Products

Harmful vapours including smoke, fume, incomplete combustion products, oxides of carbon and flammable hydrocarbons.

5.3 Protective Equipment

Self contained respiratory equipment should be worn.

Further information

Contaminated extinguishing water must be disposed of in accordance with local or national regulations.

6. Accidental Release Measures

6.1 Personal Precautions, Protective Equipment and Emergency Procedures

Use personal protective clothing.

6.2 Environmental Precautions

Prevent material from entering watercourses or sewers. Advise authorities if material enters watercourses or sewers. Place in suitable container for disposal.

6.3 Methods and Materials for Containment and Clean Up

Clean up spilled material and place in suitable containers for reuse or disposal. If hot product is spilt allow to cool and take up mechanically.

7. Handling and Storage

7.1 Precautions for Safe Handling

No special requirements provided the product is used correctly.

7.2 Conditions for Safe Storage, Including any Incompatibilities

Store in a clean dry place at temperatures between 5°C and 30°C with containers kept closed. Use oldest stock first.

8. Exposure Controls/Personal Protection

8.1 Control Parameters

This product has been dusted with talc to reduce issues of clumping. Talc is a source of respirable quartz silica. If there is a possibility that dust can be generated during processing we recommend that the total airborne dust needs to be maintained below 10µg/m³ by good ventilation (>5 air exchanges per hour) or by local exhaust ventilation.

8.2 Engineering Controls

Handle in accordance with good industrial hygiene and safety practice.Where contact may occur with hot materials, wear thermal resistant gloves, arm protection and a face shield. During processing adequate ventilation is required. The use of local exhaust ventilation is recommended to control fumes.

9. Physical and Chemical Properties

9.1 General Information

Form	Solid at ambient temperatures, liquid at application temperatures.
Colour	Pearl.
Odour	Slight Resinous.
Odour Threshold	No applicable information available.
pH Value	No applicable information available, product is not readily soluble in water.
Softening Point	100°C (typical).
Boiling Point	No applicable information available. Based on composition expected to be >250°C.
Flash Point	No applicable information available. Based on composition expected to be >250°C.
Evaporation Rate	No applicable information available. Based on composition expected to be >250°C.
Flammability	Combustible but not flammable.
Explosion Limits	No applicable information available. Product is a non-volatile solid.
Vapour Pressure	No applicable information available. Product is a non-volatile solid at ambient temperatures.
Density	1.01 g/cm³ @ 23°C.
Solubility in Water	No applicable information available. Based on composition expected to be negligible.
Autoignition Temperature	No applicable information available. Based on composition expected to be > 250°C.
Decomposition Temperature	No applicable information available. Based on composition expected to be > 250°C.
Viscosity	Solid at ambient temperatures, liquid at application temperatures.
Explosive Properties	Not explosive.

10. Stability and Reactivity

10.1 Reactivity

Limited chemical reactivity. No hazardous reactions if stored and handled as prescribed/ indicated. Adding water to molten product will cause foaming and spitting.

10.2 Chemical Stability

Chemically stable. Prone to slow degradation when heated at application temperatures.

10.3 Conditions to Avoid

Strong oxidising agents.

10.4 Hazardous Decomposition Products

Include carbon dioxide, carbon monoxide and low molecular weight hydrocarbons.

11. Toxicological Information

11.1 Information on Toxicological Effects

Acute Toxicity

Non toxic after a single exposure.

Irritation

Mixture not considered to be irritating to skin and eyes.

Respiratory/Skin Sensitisation

Mixture not considered to be a sensisitiser.

Germ Cell Mutagenicity

Based on knowledge of the raw materials not expected to be a mutagenic.

Carcinogenicity

Based on information on raw materials not expected to have any carcinogenic effect.

Reproductive Toxicity

Based on information on raw materials not expected to have any toxic effect on reproduction.

Specific Target Organ Toxicity (STOT) (single exposure)

Based on information on raw materials no specific target organ toxicity to be expected.

Specific Target Organ Toxicity (STOT) (repeated exposure)

Based on information on raw materials no specific target organ toxicity to be expected.

Aspiration Hazard

Not applicable.

12. Ecological Information

12.1 Toxicity

Based on a knowledge of the raw materials not expected to be toxic.

12.2 Persistence and Degradability

Based on a knowledge of the raw materials not expected to biodegrade.

12.3 Bioaccumulative Potential

Based on a knowledge of the raw materials not expected to bioaccumulate.

12.4 Mobility in Soil

Based on a knowledge of the raw materials no adsorption is expected.

12.5 Results of PBT and vPvB Assessment

Not assessed.

13. Disposal Considerations

Waste Treatment Methods

Disposal recommendations are based on material as supplied.

Suitable routes of disposal are supervised incineration, preferentially with energy recovery, or appropriate recycling methods in accordance with applicable regulations and material characteristics at the time of disposal.

Care should be taken to ensure compliance with EC, national and local regulations. In the UK the UK Environmental Protection (Duty of Care) Regulations and amendments should be noted.

14. Transport Information

Land

Not regulated for road/rail transport.

Inland Waterways

Not regulated for inland waterways transport.

Sea

Not regulated for sea transport.

Air

Not regulated for air transport.

15 Regulatory Information

15.1 Safety, Health and Environmental Regulations/Legislation Specific for the Mixture

All applicable legislation listed in other parts of this safety data sheet.

15.2 Chemical Safety Assessment

Not conducted.

16. Other Information

This safety data sheet has been prepared according to Regulation (EU) No 2015/830 (amending Regulation (EC) No 1907/2006)

References: Sources of information used in preparing this SDS include supplier safety data sheets, information from European Chemicals Agency (ECHA) and other sources as appropriate.

Revision Summary

18/04/2018 - Safety data sheet revised as per Regulation (EU) No 2015/830 (amending Regulation (EC) No 1907/2006).

The information contained herein is accurate to the best of our knowledge and belief. It is intended to describe the product for the purposes of health, safety and environmental requirements only. It is not intended and should not be construed, as a warranty. Beardow Adams should be consulted for further information.

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Note: This publication is intended to serve as a guide only. Customers should satisfy themselves by appropriate trials that the products are suitable for their intended use. © 2014. ™The Beardow Adams logo, BAM, BAMFutura, BAMCare, EcoBlock, Pressen and Prodas are all trademarks of Beardow & Adams (Adhesives) Limited.