



## **SAFETY DATA SHEET**

### **Pressen 961 - Hot Melt Adhesive**

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

##### **1.1 Commercial Product Name**

Pressen 961

##### **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  
MK13 7HF  
Tel: (+44) 1908 574000  
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**

Contains no materials at concentrations where exposure limits need to be expressed.

## 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

<b>Form</b>	Solid at ambient temperatures, liquid at application temperatures.
<b>Colour</b>	Clear.
<b>Odour</b>	Slight Resinous.
<b>Odour Threshold</b>	No applicable information available.
<b>pH Value</b>	No applicable information available, product is not readily soluble in water.
<b>Softening Point</b>	86°C (typical).
<b>Boiling Point</b>	No applicable information available. Based on composition expected to be >250°C.
<b>Flash Point</b>	No applicable information available. Based on composition expected to be >250°C.
<b>Evaporation Rate</b>	No applicable information available. Based on composition expected to be >250°C.
<b>Flammability</b>	Combustible but not flammable.
<b>Explosion Limits</b>	No applicable information available. Product is a non-volatile solid.
<b>Vapour Pressure</b>	No applicable information available. Product is a non-volatile solid at ambient temperatures.
<b>Density</b>	0.98 g/cm <sup>3</sup> @ 23°C.
<b>Solubility in Water</b>	No applicable information available. Based on composition expected to be negligible.
<b>Autoignition Temperature</b>	No applicable information available. Based on composition expected to be > 250°C.
<b>Decomposition Temperature</b>	No applicable information available. Based on composition expected to be > 250°C.
<b>Viscosity</b>	Solid at ambient temperatures, liquid at application temperatures.
<b>Explosive Properties</b>	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 sensitisiser.

#### **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.