

## SAFETY DATA SHEET

### BARTOLINE ALL PURPOSE WALLPAPER ADHESIVE

#### SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

##### 1.1. Product identifier

**Product name** BARTOLINE ALL PURPOSE WALLPAPER ADHESIVE  
**REACH Registration number** EXEMPT

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

**Identified uses** SU 3 - INDUSTRIAL USES SU 21 - CONSUMER USES SU 22 - PROFESSIONAL USES Adhesive for fixing wallcoverings  
**Uses advised against** No specific uses advised against are identified.

##### 1.3. Details of the supplier of the safety data sheet

**Supplier** Bartoline limited  
Barmston Close  
Beverley  
East Yorkshire  
HU17 0LW  
01482 678710  
fax 01482 872606  
HSE MANAGER  
www.bartoline.co.uk

##### 1.4. Emergency telephone number

01482 678727 0800-1700 Monday to Friday NHS Direct (General Public & Workers) 0845 4647

##### **National Emergency Telephone Number**

National Poisons Information Service (24hours) 0844 892 0111

#### SECTION 2: HAZARDS IDENTIFICATION

##### 2.1. Classification of the substance or mixture

###### **Classification (EC 1272/2008)**

Physical and Chemical Hazards	Not classified.
Human health	Not classified.
Environment	Not classified.

**Classification (1999/45/EEC)** Not classified.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

###### **Human health**

May cause minor irritation on eye contact. Dust may irritate throat and respiratory system and cause coughing. Prolonged or repeated skin contact with the mixed product may cause irritation, redness and in worst cases could lead to dermatitis.

###### **Environment**

The product is not expected to be hazardous to the environment.

##### 2.2. Label elements

###### **Label In Accordance With (EC) No. 1272/2008**

No pictogram required.

##### 2.3. Other hazards

#### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

##### 3.2. Mixtures

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STARCH, CARBOXYMETHYL ETHER, CROSSLINKED		60-100%
CAS-No.: 59419-62-4	EC No.:	
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Not classified.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

REACH Registration number EXEMPT

## SECTION 4: FIRST AID MEASURES

### 4.1. Description of first aid measures

#### General information

Get medical attention if any discomfort continues.

#### Inhalation

Move the exposed person to fresh air at once. Rinse nose and mouth with water. Get medical attention if any discomfort continues.

#### Ingestion

Immediately rinse mouth and provide fresh air. Get medical attention if any discomfort continues.

#### Skin contact

Remove affected person from source of contamination. Remove contaminated clothing. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

#### Eye contact

Make sure to remove any contact lenses from the eyes before rinsing. Promptly wash eyes with plenty of water while lifting the eye lids. 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 severity of the symptoms described will vary dependant of the concentration and the length of exposure.

#### Inhalation.

Congestion of the lungs may occur producing severe shortness of breath. Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

#### Ingestion

Due to the physical nature of this material it is unlikely that swallowing will occur. May cause stomach pain or vomiting.

#### Skin contact

Prolonged or repeated contact may cause irritation and dry skin.

#### Eye contact

May cause temporary eye irritation. There may be irritation and redness. The eyes may water profusely

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

No specific chemical antidote is known to be required after exposure to this product. Treat Symptomatically.

## SECTION 5: FIREFIGHTING MEASURES

### 5.1. Extinguishing media

#### Extinguishing media

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

#### Unsuitable extinguishing media

None

### 5.2. Special hazards arising from the substance or mixture

#### Hazardous combustion products

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours. Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>). Hydrogen chloride (HCl).

#### Unusual Fire & Explosion Hazards

High concentrations of dust may form explosive mixture with air.

#### Specific hazards

Considering the size of the packaging, the risk is regarded as minimal. Fire water contaminated with this product must be contained and prevented from being discharged to any waterway, sewer or drain.

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## 5.3. Advice for firefighters

### Special Fire Fighting Procedures

Keep run-off water out of sewers and water sources. Dike for water control. No specific fire fighting procedure given.

### Protective equipment for fire-fighters

Wear self-contained breathing apparatus and protective suit. In case of a large fire or in confined or poorly ventilated spaces, wear full fire retardant protective clothing and self contained breathing apparatus with a full face-piece operated in positive pressure mode.

## SECTION 6: ACCIDENTAL RELEASE MEASURES

### 6.1. Personal precautions, protective equipment and emergency procedures

Ensure suitable personal protection (including respiratory protection) during removal of spillages in a confined area.

### 6.2. Environmental precautions

Do not discharge into drains, water courses or onto the ground. Spillages or uncontrolled discharges into watercourses must be IMMEDIATELY alerted to the Environmental Agency or other appropriate regulatory body.

### 6.3. Methods and material for containment and cleaning up

Avoid generation and spreading of dust. Shovel into dry containers. Cover and move the containers. Flush the area with water.

### 6.4. Reference to other sections

Wear protective clothing as described in Section 8 of this safety data sheet. See section 11 for additional information on health hazards. Collect and dispose of spillage as indicated in section 13.

## SECTION 7: HANDLING AND STORAGE

### 7.1. Precautions for safe handling

Avoid spilling, skin and eye contact. Avoid handling which leads to dust formation. Read and follow manufacturer's recommendations. Take precautionary measures against static discharges when there is a risk of dust explosion. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site. Do not eat, drink or smoke when using the product.

### 7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry, cool and well-ventilated place. Keep in original container.

### Storage Class

Unspecified storage.

### 7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

### Usage Description

Always follow on pack instructions regarding mixing ratios. Keep out of reach of children. Apply "common sense" measures when using this product. Apply by brush. Where possible avoid prolonged contact with the skin.

## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

### 8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
STARCH, CARBOXYMETHYL ETHER, CROSSLINKED	WEL		10 mg/m <sup>3</sup>			

WEL = Workplace Exposure Limit.

### Ingredient Comments

Due to the hazardous nature of ingredients, exposure should be minimal.

No DNEL data available for this substance.

No PNEC data available for this substance.

### STARCH, CARBOXYMETHYL ETHER, CROSSLINKED (CAS: 59419-62-4)

No DNEL data available for this substance.

No PNEC data available for this substance.

### 8.2. Exposure controls

#### Protective equipment

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## Engineering measures

Provide adequate ventilation. Observe occupational exposure limits and minimize the risk of inhalation of dust.

## Respiratory equipment

No specific recommendation made, but protection against nuisance dust must be used when the general level exceeds 10 mg/m<sup>3</sup>.

## Hand protection

Use suitable protective gloves if risk of skin contact.

## Eye protection

Wear approved safety goggles.

## Hygiene measures

DO NOT SMOKE IN WORK AREA! Wash hands at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes contaminated. Promptly remove any clothing that becomes contaminated. When using do not eat, drink or smoke.

## Skin protection

Wash hands after use and wash off any adhesive which comes into contact with skin.

## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

### 9.1. Information on basic physical and chemical properties

**Appearance** Powder, dust

**Colour** Light (or pale). Yellow.

**Odour** Almost odourless.

**Solubility** Completely soluble in water

#### Initial boiling point and boiling range

Not relevant

#### Melting point (°C)

Not relevant

#### Vapour density (air=1)

Not relevant

#### Vapour pressure

Not relevant

#### pH-Value, Conc. Solution

Not relevant

#### Flash point

Not relevant

#### Oxidising properties

Does not meet the criteria for oxidising.

Not oxidising ( based on the chemical structure of the substance and the oxidation states of the constituents elements).

**Comments** Information declared as "Not available" or "Not applicable" is not considered to be justified for enabling proper control measures to be taken.

### 9.2. Other information

#### Volatile Organic Compound (VOC)

Not applicable.

## SECTION 10: STABILITY AND REACTIVITY

### 10.1. Reactivity

There are no known reactivity hazards associated with this product.

### 10.2. Chemical stability

Stable under normal temperature conditions.

### 10.3. Possibility of hazardous reactions

Not applicable.

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## Hazardous Polymerisation

Will not polymerise.

### 10.4. Conditions to avoid

Avoid excessive heat for prolonged periods of time. Avoid frost. There are no known conditions that are likely to result in a hazardous situation. Humidity and moisture can cause caking of product.

### 10.5. Incompatible materials

## Materials To Avoid

No specific, or groups of materials are likely to react to produce a hazardous situation.

### 10.6. Hazardous decomposition products

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO<sub>2</sub>).

## SECTION 11: TOXICOLOGICAL INFORMATION

### 11.1. Information on toxicological effects

## Toxicological information

The severity of acute effects is such that significant repeated or prolonged exposure is unlikely. The data for the hazardous constituents is shown below. The product has been assessed following the conventional method and is classified for toxicological hazards accordingly.

## Inhalation

Dust in high concentrations may irritate the respiratory system.

## Ingestion

May cause discomfort if swallowed.

## Skin contact

Powder may irritate skin.

## Eye contact

Particles in the eyes may cause irritation and smarting.

## Health Warnings

This product has low toxicity. Only large volumes may have adverse impact on human health.

## Route of entry

Inhalation. Ingestion. Skin and/or eye contact.

## Target Organs

Eyes Skin

## Medical Considerations

Chronic respiratory and obstructive airway diseases. Skin disorders and allergies. Pre-existing eye problems.

### Toxicological information on ingredients.

#### STARCH, CARBOXYMETHYL ETHER, CROSSLINKED (CAS: 59419-62-4)

### Toxic Dose 1 - LD 50

>2000mg/kg mg/kg (oral rat)

### Toxic Dose 2 - LD 50

>2000mg/kg (dermal)

### Toxic Conc. - LC 50

>5 (dust) mg/l/4h (inh-rat)

## Toxicological information

No information available.

### Skin Corrosion/Irritation:

Not irritating.

## SECTION 12: ECOLOGICAL INFORMATION

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## Ecotoxicity

Not regarded as dangerous for the environment.

## 12.1. Toxicity

There is no data on the suppliers SDS but they claim that the ingredient is easily biodegradable.

### Ecological information on ingredients.

#### STARCH, CARBOXYMETHYL ETHER, CROSSLINKED (CAS: 59419-62-4)

LC 50, 96 Hrs, Fish mg/l

>100

EC 50, 48 Hrs, Daphnia, mg/l

>100

IC 50, 72 Hrs, Algae, mg/l

>100

## 12.2. Persistence and degradability

Based on the suppliers SDS this ingredient is expected to be biodegradable

### **Degradability**

The product is not expected to be biodegradable.

### Ecological information on ingredients.

#### STARCH, CARBOXYMETHYL ETHER, CROSSLINKED (CAS: 59419-62-4)

Based on the suppliers SDS this ingredient is expected to be biodegradable

### **Chemical Oxygen Demand**

~ 1100 g O<sub>2</sub>/g substance

## 12.3. Bioaccumulative potential

## 12.4. Mobility in soil

### **Mobility:**

The product is partly soluble in water. May spread in the aquatic environment. The product is poorly adsorbed into soils or sediments.

## 12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

## 12.6. Other adverse effects

Not applicable.

## SECTION 13: DISPOSAL CONSIDERATIONS

### **General information**

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority. When handling waste, consideration should be made to the safety precautions applying to handling of the product. The packaging should be collected for reuse.

### **13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements. With clean shovel place material into dry container, cover and move. For unused and uncontaminated product, the preferred options include sending to a licensed waste contractor.

### **Waste Class**

These codes have been assigned based on the actual composition of the product both as supplied and as dried residues. If mixed with other wastes, the waste codes quoted may not be applicable. When this product is in its dry state as supplied and becomes waste it should be disposed of as non hazardous waste using waste code 08 04 10 waste adhesives and sealants other than those mentioned in 08 04 09. When this product is mixed with water in its ready to use state and becomes waste it should be disposed of as a non hazardous waste using code 08 04 12 adhesive and sealant sludges other than those mentioned in 08 04 11. Empty plastic sachets should be disposed of using waste code 15 01 02 plastic packaging. Where the plastic packaging is contained in a cardboard box this should be disposed of using waste code 15 01 01 paper and cardboard packaging.

## SECTION 14: TRANSPORT INFORMATION

## BARTOLINE ALL PURPOSE WALLPAPER ADHESIVE

<b>General</b>	The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).
<b>Road Transport Notes</b>	Not Classified
<b>Rail Transport Notes</b>	Not classified.
<b>Sea Transport Notes</b>	Not classified.
<b>Air Transport Notes</b>	Not classified.

### 14.1. UN number

### 14.2. UN proper shipping name

### 14.3. Transport hazard class(es)

### 14.4. Packing group

### 14.5. Environmental hazards

### 14.6. Special precautions for user

### 14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

## SECTION 15: REGULATORY INFORMATION

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

#### **Uk Regulatory References**

Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

#### **Environmental Listing**

Control of Pollution Act 1974.

#### **Statutory Instruments**

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

#### **Approved Code Of Practice**

Classification and Labelling of Substances and Preparations Dangerous for Supply. Safety Data Sheets for Substances and Preparations.

#### **Guidance Notes**

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

#### **EU Legislation**

Dangerous Substance Directive 67/548/EEC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments. Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006 with amendments.

#### **National Regulations**

Workplace Exposure Limits 2005 (EH40) Health and Safety at Work Act (As Amended) 1974 Commission Decision 2000/532/EC as amended by Decision 2001/118/EC establishing a list of wastes and hazardous waste pursuant to Council Directive 75/442/EEC on waste and Directive 91/689/EEC on hazardous waste with amendments. The Carriage of Dangerous Goods and Use of Transportable Pressure Equipment Regulations 2009 ("CDG 2009"), SI 2009 No 1348 Users of this product are reminded of their duties under the current Control of Substances Hazardous to Health Regulations and a suitable and sufficient assessment of all the risk should be undertaken before using this product. The guidelines given in the HSE publication COSHH ESSENTIALS - Easy Steps To Control Chemicals gives sound advice for deciding safe working control measures.

#### **Authorisations (Title VII Regulation 1907/2006)**

No specific authorisations are noted for this product.

#### **Restrictions (Title VIII Regulation 1907/2006)**

No specific restrictions of use are noted for this product.

### 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

## SECTION 16: OTHER INFORMATION

## BARTOLINE ALL PURPOSE WALLPAPER ADHESIVE

### Training Advice

The information on directions for use can be found on the product label. It is important to ensure that anyone using this product in the workplace has been adequately trained and in particular: The use of personal protective equipment. methods of cleaning up and disposal of waste. The basic first aid arrangements.

**Revision Date** 14/07/2014

**Revision** 2

**Supersedes date** 21/03/2013

**Safety Data Sheet Status** Approved.

### Risk Phrases In Full

NC Not classified.

### Disclaimer

The information contained in this data sheet is provided in accordance with the requirements of the Regulation (EC) No 1907/2006 (REACH) and Regulation (EC) No 1272/2008 (CLP) The product should not be used for purposes other than those shown in Section 1.2. As the specific conditions of use are outside the suppliers control, the user is responsible for ensuring that the requirements of relevant legislation are complied with. The information contained in this safety data sheet is based on the present knowledge and the current EC and Uk Legislation. It provides guidance on health, safety and environmental aspects of the product and should not be taken as a product specification.