



## SAFETY DATA SHEET ARBO XL1075

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

#### **1.1. Product identifier**

Product name ARBO XL1075

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

Identified uses Fire resistant sealant.

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

Supplier Adshead Ratcliffe & Co. Ltd.  
Derby Road, Belper  
Derbyshire.  
DE56 1WJ  
Tel. (+44) 01773 826661  
Fax. (+44) 01773 821215  
sds@arbo.co.uk

#### **1.4. Emergency telephone number**

(+44) 01773 826661 (office hours only)

### SECTION 2: HAZARDS IDENTIFICATION

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

Classification (1999/45/EEC) Not classified.

Human health

Not considered as a health hazard under current legislation.

Environment

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

#### **2.2. Label elements**

Risk Phrases

NC

Not classified.

Safety Phrases

NC

Not classified.

#### **2.3. Other hazards**

### SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

#### **3.2. Mixtures**

Composition Comments

Aqueous acrylic emulsion with mineral fillers and auxiliaries.

### SECTION 4: FIRST AID MEASURES

#### **4.1. Description of first aid measures**

General information

In all cases of doubt, or if symptoms persist, seek medical attention. Never give anything by mouth to an unconscious person.

Inhalation

If inhalation causes adverse effects, remove to fresh air.

Ingestion

Immediately rinse mouth and drink plenty of water (200-300 ml). Give milk instead of water if readily available. Get medical attention if any discomfort continues.

Skin contact

Wipe off excess material with cloth or paper. Wash the skin immediately with soap and water. Get medical attention if any discomfort continues.

**Eye contact**

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart. Get medical attention if any discomfort continues.

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

No specific symptoms noted.

**Ingestion**

May cause discomfort if swallowed.

**Skin contact**

No specific symptoms noted.

**Eye contact**

May cause temporary eye irritation.

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

Treat Symptomatically.

**SECTION 5: FIREFIGHTING MEASURES****5.1. Extinguishing media****Extinguishing media**

Use fire-extinguishing media appropriate for surrounding materials.

**Unsuitable extinguishing media**

None known.

**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.

**Unusual Fire & Explosion Hazards**

No unusual fire or explosion hazards noted.

**Specific hazards**

In case of fire, toxic gases may be formed.

**5.3. Advice for firefighters****Special Fire Fighting Procedures**

Avoid breathing fire vapours. Keep up-wind to avoid fumes.

**Protective equipment for fire-fighters**

Wear self contained breathing apparatus.

**SECTION 6: ACCIDENTAL RELEASE MEASURES****6.1. Personal precautions, protective equipment and emergency procedures**

Wear appropriate protective clothing. Follow precautions for safe handling described in this safety data sheet.

**6.2. Environmental precautions**

Avoid discharge into drains, water courses or onto the ground.

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

Shovel into dry containers. Cover and move the containers. Flush the area with water. Wash thoroughly after dealing with a spillage.

**6.4. 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****7.1. Precautions for safe handling**

Avoid spilling, skin and eye contact. Observe good chemical hygiene practices.

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

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

**Storage Class**

Unspecified storage.

**7.3. Specific end use(s)**

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

**Usage Description**

Gunnable sealant.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION****8.1. Control parameters**

Ingredient Comments

No DNEL or PNEC values available.

**8.2. Exposure controls**

Protective equipment



Engineering measures

No particular ventilation requirements.

Respiratory equipment

Not normally required.

Hand protection

Use suitable protective gloves if risk of skin contact.

Eye protection

Not generally required.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES****9.1. Information on basic physical and chemical properties**

Appearance	Thixotropic paste.
Colour	White. Grey. Buff.
Odour	Slight odour.
Solubility	Miscible with water
Initial boiling point and boiling range	Not applicable.
Melting point (°C)	Not applicable.
Relative density	~ 1.65 @ 20°C
Vapour density (air=1)	Not applicable.
Vapour pressure	Not applicable.
Evaporation rate	Not applicable.
pH-Value, Conc. Solution	~8
Viscosity	7, 000 - 10, 000 Ps @ 20°C
Solubility Value (G/100G H <sub>2</sub> O@20°C)	Not applicable.
Decomposition temperature (°C)	Not determined.
Odour Threshold, Lower	Not applicable.
Odour Threshold, Upper	Not applicable.
Flash point	Not applicable.
Auto Ignition Temperature (°C)	Not applicable.
Flammability Limit - Lower(%)	Not applicable.
Flammability Limit - Upper(%)	Not applicable.
Partition Coefficient (N-Octanol/Water)	Not applicable.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.

**9.2. Other information**

None.

**SECTION 10: STABILITY AND REACTIVITY****10.1. Reactivity**

No specific reactivity hazards associated with this product.

**10.2. Chemical stability**

Stable under normal temperature conditions and recommended use.

**10.3. Possibility of hazardous reactions**

Not applicable.

Hazardous Polymerisation

Will not polymerise.

**10.4. Conditions to avoid**

Avoid excessive heat for prolonged periods of time. Avoid frost.

**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**

None under normal conditions. Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

## SECTION 11: TOXICOLOGICAL INFORMATION

**11.1. Information on toxicological effects**

Toxic Dose 1 - LD 50

White spirit: >15000 mg/kg (oral rat)

Toxic Dose 2 - LD 50                      White spirit: >3400 mg/kg (dermal-rat)

Toxic Conc. - LC 50

White spirit: >13100 mg//4h (inh-rat)

Toxicological information

The product has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/EC and classified for toxicological hazards accordingly.

Acute toxicity:

Based on available data the classification criteria are not met.

Skin Corrosion/Irritation:

Based on available data the classification criteria are not met.

Serious eye damage/irritation:

Based on available data the classification criteria are not met.

Respiratory or skin sensitisation:

Based on available data the classification criteria are not met.

Germ cell mutagenicity:

Does not contain any substances known to be mutagenic.

Carcinogenicity:

Does not contain any substances known to be carcinogenic.

Reproductive Toxicity:

Does not contain any substances known to be toxic to reproduction.

Inhalation

No specific health warnings noted.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

Skin irritation is not anticipated when used normally.

Eye contact

May cause temporary eye irritation. Will not injure eye tissue.

**SECTION 12: ECOLOGICAL INFORMATION**

## Ecotoxicity

Not regarded as dangerous for the environment. The product has been assessed following the conventional method of the Dangerous Preparations Directive 1999/45/ EC and classified for ecotoxicological hazards accordingly.

**12.1. Toxicity**

## Acute Toxicity - Fish

LC50 96 hours White spirit: <30 mg/l Onchorhynchus mykiss (Rainbow trout)

## Acute Toxicity - Aquatic Invertebrates

EC50 48 hours White spirit: <22 mg/l Daphnia magna

## Acute Toxicity - Aquatic Plants

EC50 72 hours White spirit: <10 mg/l

## Acute Toxicity - Microorganisms

EC50 48 hours White spirit: 43.98 mg/l

## Chronic Toxicity - Aquatic Invertebrates

NOEC 21 days White spirit 0.097 mg/l Daphnia magna

**12.2. Persistence and degradability**

## Degradability

There are no data on the degradability of this product.

**12.3. Bioaccumulative potential**

## Bioaccumulative potential

No data available on bioaccumulation.

Partition coefficient Not applicable.

**12.4. Mobility in soil**

## Mobility:

The product is miscible with water. May spread in water systems.

**12.5. Results of PBT and vPvB assessment**

This product does not contain any PBT or vPvB substances.

**12.6. Other adverse effects**

None known.

**SECTION 13: DISPOSAL CONSIDERATIONS**

## General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

**13.1. Waste treatment methods**

Dispose of waste and residues in accordance with local authority requirements.

## Waste Class

Recommended EWC Code 08 04 10

**SECTION 14: TRANSPORT INFORMATION**

## General

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

**14.1. UN number**

No information required.

**14.2. UN proper shipping name**

No information required.

**14.3. Transport hazard class(es)**

No information required.

**14.4. Packing group**

No information required.

#### **14.5. Environmental hazards**

Environmentally Hazardous Substance/Marine Pollutant  
No.

#### **14.6. Special precautions for user**

No information required.

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

No information required.

### **SECTION 15: REGULATORY INFORMATION**

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

Uk Regulatory References

Chemicals (Hazard Information & Packaging) Regulations.

Statutory Instruments

Control of Substances Hazardous to Health.

Guidance Notes

Workplace Exposure Limits EH40.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) 1907/2006 REACH. Regulation (EC) 1272/2008 CLP.

#### **15.2. Chemical Safety Assessment**

No chemical safety assessment has been carried out.

### **SECTION 16: OTHER INFORMATION**

Revision Comments

General review

Revision Date 21/11/12

Supersedes date 09/01/12

SDS No. 10202

Risk Phrases In Full

NC Not classified.

Hazard Statements In Full

#### Disclaimer

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