

# Safety Data Sheet

according to Regulation (EC) No. 1907/2006 (REACH) and  
Regulation (EU) No. 830/2015



Commercial name: AQUASIT – Component B-Hardener

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## 1. Material/preparation and company designation

### 1.1 Product identifier

Commercial name: AQUASIT - Component B - Hardener

Item number: 2363010

Type: KVM

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

#### Recommended use

Cold applied two-component potting and casting resin.

#### Uses advised against

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

#### Manufacturer/supplier

OBO Bettermann Holding GmbH & Co. KG

P.O. Box 1120

58694 Menden

GERMANY

#### Division providing information

Customer Service

Tel.: +49 23 73 89 - 17 00

Fax: +49 23 73 89 - 12 38

export@obo.de

### 1.4 Emergency telephone number

REACH Registration of Chemicals GmbH

Tel.: +49 (0)700 24112112 (OBO)

Tel.: +1 872 5888271 (OBO)

## 2. Possible risks

### 2.1 Classification of the substance or mixture

#### Classification according to Regulation (EC) No. 1272/2008 [CLP]

The mixture is not subject to labelling in accordance with CLP Regulation No. 1272/2008/EC, according to the GHS criteria.

### 2.2 Label elements

#### Labelling according to Regulation (EC) No. 1272/2008 [CLP/GHS]

None.

### 2.3 Other hazards

Material causes no hazard under normal working conditions.

### 3. Composition/details of component parts

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#### 3.1 Substances/Mixtures

##### Description of the mixture

Modified polybutadien.

##### Hazardous ingredients

Substance	CAS No.	EC No.	Weight %	Classification
-	-	-	-	-

##### Additional information

None.

### 4. First aid measures

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#### 4.1 Description of first-aid measures

##### General information

Remove contaminated clothing and footwear immediately and clean thoroughly before re-use.

##### After inhalation of aerosols or vapour (only possible by high temperatures)

Supply fresh air; consult a physician in case of symptoms.

##### After skin contact

First wipe off thoroughly, then wash thoroughly with soap and water. Then carefully apply cream.

##### After eye contact

Thoroughly rinse the eyes under flowing water for 15 minutes with the eyelids open. Then contact an ophthalmologist immediately.

##### After ingestion

Avoid vomiting, rinse mouth, drink plenty of water and then consult a physician.

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

Ingestion may provoke nausea.

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

No information available.

### 5. Fire protection measures

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#### 5.1 Extinguishing media

##### Suitable extinguishing media

Dry powder, foam, CO<sub>2</sub>.

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

##### Hazard due to resulting gases

Carbon dioxide, carbon monoxide and acrolein may be released in case of fire.

#### 5.3 Advice for fire-fighters

##### Special protective equipment

Use appropriate protective equipment for fire fighting. Do not inhale fumes.

#### 5.4 Additional information

Dispose of fire residues and contaminated extinguishing water according to local regulations. Do not allow to enter drains. Closed containers may burst if overheated. In case of fire in immediate vicinity: Spray containers, which are subject to heat with water and remove from danger area if possible.

### 6. Measures in the case of unintentional release

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

Ensure adequate ventilation. Use safety equipment. Avoid contact with the eyes and the skin.

**6.2 Environmental precautions**

Do not allow to enter soil, drains, surface water or ground water.

**6.3 Methods and materials for containment and cleaning up**

Prevent further escape or spillage.

Absorb with suitable liquid-binding material (sand, diatomite, universal binders, wood flour).

Absorb and place in appropriately labelled containers.

Thoroughly clean contaminated objects and floors according to local environmental regulations.

Dispose of according to local official regulations.

**Recommended cleaning agent**

Petrol, kerosene, thinner

**6.4 Reference to other sections**

Refer to Section 8 for personal protective equipment.

**7. Handling and storage****7.1 Precautions for safe handling**

General precautions for handling of chemicals have to be regarded. Provide ventilation. Avoid contact with the eyes and the skin. Keep away from heat and flame.

Smoking, eating and drinking should be prohibited in the application area.

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

Store the containers/bags sealed tight in a cool, dry, wellventilated place, separate from inflammable materials and foods and beverages until use. Prevent the access of air or oxygen.

**Storage conditions**

Keep away from sources of ignition, heat and direct sunlight.

**Storage temperature**

-20 to +40°C

**Recommended storage temperature**

~ +20°C

**Storage class**

10

**7.3 Specific end uses**

Two-component sealing according to the technical data sheet and the instructions for use.

**8. Exposition limitation/personal protective equipment****8.1 Control parameters****Maximum allowable concentration (MAC) of occurrence of breathable aerosols**

Substance	CAS No.	Type	Value	Unit
-	-	-	-	-

**8.2 Exposure controls****Technical protective measures**

Ensure adequate ventilation, especially in enclosed spaces.

**Personal protective equipment**

Usual rules when dealing with chemicals to keep in mind.

**Eye protection**

Tightly sealed goggles. Eye wash equipment should be available.

**Hand protection**

Disposable PE gloves, penetration time > 30 min.

**Body protection**

Wear normal protective clothing for handling chemicals.

**Respiratory protection**

Not required under suitable use. Required only when processing at high temperatures and insufficient ventilation.

**General protection and hygiene measures**

Respect normal rules of industrial hygiene. Do not eat, drink or smoke while working. Keep away from foods and beverages.

Thoroughly wash hands during breaks and after work. Avoid contact with the skin, eyes and clothing. Do not inhale vapours.

**Environmental exposure controls**

The mixture should not be allowed to enter drains, water courses or soil.

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**9. Physical and chemical properties**

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**9.1 Information on basic physical and chemical properties****Appearance:**

Physical state: liquid

Colour: amber-transparent-coloured

Odour: specific

**Safety relevant basic data**

Melting point: n.d.

Boiling point: n.d.

Flash point: > 120 °C (DGF C-IV 8)

Ignition temperature: n.d.

Lower explosion limit (Vol %): n.a.

Upper explosion limit (Vol %): n.a.

Vapour pressure (20 °C): n.d.

Density at 23 °C (EN ISO 1183-1): 0.95 g/cm<sup>3</sup>

Viscosity at 20 °C (DIN 53019): approx. 1 Pa·s

Solubility in water: insoluble

n.d.: Not determined

n.a.: Not applicable

**Physical hazards**

Not known.

**Other information**

None.

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**10. Stability and reactivity**

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**10.1 Reactivity**

No hazardous reactions known under proper use.

**10.2 Chemical stability**

Stable under the stated storage conditions.

**10.3 Possibility of hazardous reactions**

No decomposition under proper storage and use.

#### 10.4 Conditions to avoid

Avoid extreme temperatures and direct exposure to sunlight as well as exposure to air and moisture for long periods.

#### 10.5 Incompatible materials

Oxidising agents

#### 10.6 Hazardous decomposition products

No decomposition under proper storage and use. The following hazardous decomposition products may result in case of fire: Carbon dioxide, carbon monoxide, acrolein.

### 11. Toxicological data

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#### 11.1 Information on toxicological effects

This mixture is not toxic according to present knowledge.

##### Acute toxicity

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##### Experience human evidence

No health effects are known, if the normal rules of industrial hygiene are respected.

##### Skin

No irritating effects are known.

##### Eyes

No irritating effects are known.

##### Sensitization

No effects are known.

#### 11.2 Other information

According to our present knowledge no adverse health effects are to be expected if handled properly and for the intended use only.

### 12. Ecological data

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#### 12.1 Toxicity

##### Aquatic toxicity

Acute/chronic aquatic toxicity: No data is available on the mixture. No acute or chronic aquatic toxicity based on data of individual raw material components.

#### 12.2 Persistence and degradability

##### Biodegradation

Not data available on the mixture.

#### 12.3 Bio accumulative potential

Not data available on the mixture.

#### 12.4 Mobility in soil

Not data available on the mixture.

#### 12.5 Results of PBT and vPvB assessment

The mixture is classified neither as persistent, bio accumulative, nor toxic (PBT), based on the assessment of the individual raw material components. The mixture is not considered to be very persistent or very bio accumulative (vPvB).

#### 12.6 Other adverse effects

No other effects known.

## 13. Disposal information

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### 13.1 Waste treatment methods

#### Recommendation

Dispose of according to local official regulations.

#### Obligation to produce proof

Observe local regulations.

#### Residues/emptied packaging (recommendation)

Mix residues with mating component and allow to cure. Dispose of empty containers via the local waste disposal system.

#### Product/Packaging disposal

#### Waste codes/waste designations according to EWC (European Waste Catalogue)/AVV

The EWC disposal code cannot be stated for the mixture, as it is used in various industries. A categorisation is only possible on the basis of the purpose of use by the consumer. The categorisation for the specific case must be obtained from the waste disposal company.

## 14. Transport information

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Land transport (ADR/RID/GGVSE): No dangerous goods.

Transport on inland waterways (ADN/ADNR): No dangerous goods.

Sea transport (IMDR code/GGVSee): No dangerous goods.

Air transport (ICAO-IATA/DGR): No dangerous goods.

### 14.1 UN No.

None.

### 14.2 UN Proper shipping name

None.

### 14.3 Transport hazard class

None.

### 14.4 Packaging group

None.

### 14.5 Environmental hazards

None.

### 14.6 Special precautionary measures for the user

No dangerous goods.

### 14.7 Bulk transport according to Annex II of the MARPOL Convention 73/78 and according to IBC code

Not applicable.

## 15. Regulatory information

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

#### Classification and labelling according to Regulation (EC) No 1272/2008 [CLP]

The mixture is not subject to labelling in accordance with CLP Regulation No. 1272/2008/EC, according to the GHS criteria.

#### Water hazard class (WHC) (Germany)

1 (slightly hazardous to water, categorisation according to VwVwS, Annex 4)

### 15.2 Safety assessment of substance

A safety assessment (Chemical Safety Assessment) is not required for this mixture.

## 16. Legal specification

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### Abbreviations

The information given in this Safety Data Sheet is correct to the best of our knowledge, experience and belief at the date of its publication. The information provided is designated only as guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as warranty or quality specification. The information relates only to the specific material and designated use and may not be valid for combinations with any other materials or in any process, unless specified in the text.