

# Safety datasheet

## according to 1907/2006/EC REACH



Commercial name: AQUASIT – Component A (Resin)

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### 1. Material/preparation and company designation

<b>Commercial name</b>	AQUASIT – Component A (Resin)
<b>Item number and type</b>	Art. no. 2363010, type KVM
<b>Recommended use</b>	2-component casting compound for sealing junction boxes in unfavourable environments
<b>Manufacturer/supplier</b>	OBO Bettermann GmbH & Co. KG Hüingser Ring 52 58710 Menden Germany
<b>Division providing information</b>	Customer Service
<b>Emergency telephone number</b>	Tel.: +49 (0) 23 73 / 89 - 15 00 Fax: +49 (0) 23 73 / 89 - 15 50 Internet: <a href="http://www.obo-bettermann.com">www.obo-bettermann.com</a> e-mail: <a href="mailto:info@obo-bettermann.com">info@obo-bettermann.com</a>

### 2. Possible risks

	Does not require labelling according to EC directive 67/548
<b>For people</b>	None known if used correctly.
<b>For the environment</b>	None known if used correctly.

### 3. Composition/details of component parts

<b>Chemical characteristics</b>	Modified hydrocarbon resin
<b>Hazardous contents</b>	
<b>Substance</b>	Tertiary amine
<b>CAS no.</b>	5922-69-0
<b>EINECS</b>	227-652-0
<b>Weight %</b>	2%
<b>Symbol</b>	Xi; R36

### 4. First aid measures

<b>General information</b>	Take off soiled, saturated clothing and shoes immediately and wash them thoroughly before re-use.
<b>After inhalation:</b>	Source of fresh air; obtain medical advice in case of illness.
<b>After skin contact</b>	Firstly, wipe off, then wash off thoroughly with soap and water. Then apply lotions carefully.

<b>After eye contact</b>	Rinse eyes out thoroughly under running water for 15 minutes with lids spread open. Then consult an eye surgeon immediately.
<b>After ingestion</b>	Rinse out the mouth, drink copious amounts of water then contact a doctor.
<b>Information for doctors</b>	–

## 5. Fire protection measures

<b>Suitable extinguishing agents</b>	Foam. Extinguishing powder. CO <sub>2</sub> .
<b>Risk through produced gases</b>	If there is a fire, carbon dioxide, carbon monoxide and acrolein may be released. Under certain fire conditions, traces of other toxic fire products may also occur.
<b>Special protective equipment when fighting fires</b>	Use breathing protection which works independently of the ambient air. Wear a protective suit.
<b>Additional information</b>	Dispose of fire residues and contaminated extinguishing water according to the local statutory regulations. Do not let them enter the sewerage system. If heated strongly, there is a risk of closed containers bursting. If there is a fire in the immediate vicinity: cool the containers exposed to the heat with a water jet and, if possible, move them out of the danger zone.

## 6. Measures in the case of unintentional release

<b>Personal precautionary measures</b>	No special measures required. Avoid contact with the eyes and skin. Ensure sufficient ventilation.
<b>Environmental protection measures</b>	Do not let the product enter the sewerage system/surface water/ground water.
<b>Cleaning/collection procedure</b>	Using suitable materials to collect the liquid (e.g. sand, diatomic, universal binding agent). Dispose of in suitable containers.
<b>Recommended cleaning agents</b>	Petrol, petroleum, thinner

## 7. Handling and storage

<b>Information on safe handling</b>	Observe the normal rules for handling chemicals. Ensure good room ventilation, if necessary extraction at the workstation.
<b>Information on fire and explosion protection</b>	Take the standard measures for preventive fire protection. Keep away from sources of heat and ignition.
<b>Requirements for storage rooms and containers</b>	Store only in the original container. Keep the container/bag tightly closed, cool and dry, in a well-ventilated location, free of foodstuffs, until processing. Avoid entry of air/oxygen.
<b>Storage temperature</b>	-20 °C to +40 °C
<b>Recommended storage temperature</b>	+25 °C
<b>VCI storage class (Germany)</b>	LGK 10 – 13

## 8. Exposition limitation/personal protective equipment

### Limit values when inhalable aerosols occur

Substance	–
CAS no.	–
EINECS	–
Weight %	–
Symbol	–

### Technical protection measures

Use closed (re)filling, dosing and mixing systems, wherever possible.

### Personal protective equipment

Observe the normal rules for handling chemicals.

### Breathing protection

–

### Eye protection



Protective glasses (DIN EN 166)

### Hand protection



Protective gloves

If skin contact with this product is possible, gloves, tested according to EN 374, offer sufficient protection.

The protective gloves must be tested for their specific suitability (e.g. mechanical resistance, product compatibility, anti-statics). Should the gloves become damaged or show the first signs of wear, they should be replaced immediately.

Gloves made of natural rubber (min. 0.6 mm), chloroprene (min. 0.6 mm) or nitrile rubber (min. 0.2 mm) are suitable. They have a penetration time of > 480 min.

### Physical protection

When handling chemicals, wear normal work protection clothing.

### General hygiene measures

Do not eat, drink, smoke or suffer from a cold during work.

Keep away from foodstuffs and drinks.

Wash your hands before breaks and after completing work.

Do not inhale the vapours.

## 9. Physical and chemical properties

Shape	Liquid
Colour	Transparent-amber
Smell	Specific
Boiling point/boiling range	> 230 °C
Ignition point	> 120 °C
Ignition temperature	Undetermined
Explosion limits	N/A
- lower	N/A
- upper	N/A
Vapour pressure at 20 °C	< 1 mbar
Relative density at 23 °C (EN ISO 1183-1)	0.93 g/cm <sup>3</sup>
Solubility in water	Very low
Viscosity at 20 °C (DIN 53019)	approx. 3 Pa s

## 10. Stability and reactivity

<b>Conditions to be avoided</b>	Do not overheat (thermal decomposition at > 200 °C). Protect against moisture and light.
<b>Substances to be avoided</b>	Do not store together with combustible materials.
<b>Dangerous reactions</b>	None.
<b>Dangerous decomposition products</b>	None with correct handling and storage.

## 11. Toxicological data

<b>Acute toxicity for people</b>	No health risks are known in the case of correct handling and compliance with the precautionary workplace hygiene measures.
<b>Practical experience</b>	The product has a slightly irritant effect on contact with skin and eyes.
<b>Sensitisation</b>	No effect known.
<b>Additional information</b>	According to the information available to us, no health risks are known in the case of correct handling and compliance with the precautionary workplace hygiene measures.

## 12. Ecological data

<b>Elimination data</b>	Does not contain any heavy metals and PCBs.
<b>Water risk</b>	Do not the product enter waterways, the sewerage system or the earth.
<b>Water hazard class (WHC)</b>	1

## 13. Disposal information

<b>Recommendation</b>	Dispose of correctly, according to the local regulations.
<b>Waste code no.</b>	EAK no. 08 04 09 Adhesives and sealing compound waste (contents). EAK no. 15 01 10 Packaging, which contains residues of a hazardous substance or which is soiled by hazardous substances (container).
<b>Proof requirement</b>	Yes
<b>Residues / empty packaging (recommendation)</b>	Mix residues with component B and let them harden. Give empty container to local waste disposal service.

## 14. Transport

<b>Classification according to ADR</b>	NOT CLASSIFIED AS DANGEROUS GOODS
<b>Classification according to IMDG</b>	NOT CLASSIFIED AS "DANGEROUS GOODS"
<b>Classification according to IATA</b>	NOT CLASSIFIED AS "DANGEROUS GOODS"

## 15. Legal specification

<b>Labelling according to EC directive 67/ 548</b>	Does not require labelling
<b>Water hazard class (WHC)</b>	1

## 16. Additional data

<b>Recommended use and restriction</b>	Use only according to instructions, taking the warning information into account. Comply with existing national and local laws regarding chemicals.
<b>Compilation ordinance</b>	This safety datasheet was compiled according to Article 31 and Appendix II of the EC REACH ordinance as well as the ordinance (EC) no. 1907/2006.
<b>Liability waiver</b>	This data is provided according to our latest knowledge, but does not provide any guarantee of product properties and does not provide any legal guarantee. No claim to completeness is made.