Safety Data Sheet

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

Commercial name: AQUASIT – Component A (Resin)

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1. Material/preparation and company designation

1.1 Product identifier

Commercial name: AQUASIT - Component A (Resin)
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.

OBORD 190556

3. Composition/details of component parts

3.1 Substances/Mixtures

Description of the mixture

Modified hydrocarbon resin.

Hazardous ingredients

Substance	CAS No.	EC No.	Weight %	Classification
6,6´-di-tert-butyl-2,2´-methylenedi-p-cresol	119-47-1	204-327-1	0.25	Repr. 2, H361f
	REACH #: 01-2119496065-33			

Additional information

Full text of hazard statements see under section 16.

4. First aid measures

4.1 Description of first-aid measures

General information

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

After inhalation

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

Rinse out the mouth, drink copious amounts of water then contact a doctor.

4.2 Most important symptoms and effects, both acute and delayed

No effects known.

4.3 Indication of any immediate medical attention and special treatment needed

No information available.

5. Fire protection measures

5.1 Extinguishing media

Suitable extinguishing media

Dry powder, foam, CO2.

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

6.1 Personal precautions, protective equipment and emergency procedures

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

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. Avoid contact with eyes and skin.

Provide ventilation. 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. Recommended 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.

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance:

Physical state: liquid - low viscosity

Colour: amber-transparent-coloured

Odour: specific

Safety relevant basic data

Melting point: n.a.

Boiling point: n.d.

Flash point: > 120 °C

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): 0.93 g/cm³

Viscosity at 20°C (DIN 53019): approx. 2 Pa·s

Solubility in water: very low

n.d.: Not determined

n.a.: Not applicable

Physical hazards

Not known.

Other information

None.

10. Stability and reactivity

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

11.1 Information on toxicological effects

This mixture is not toxic according to present knowledge

Acute toxicity

LD50 (oral, rat): > 2000 mg/kg

Experience human evidence: No health effects are known, if the normal rules of industrial hygiene are respected.

Skin

No irritating effects are known.

Eyes

May irritate eyes.

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

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

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

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

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)

2 (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

Abbreviations

Text of hazard statements listed in section 3

Repr. 2, H361f: Suspected of damaging fertility.

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.