

according to regulation (EC) No 1907/2006 (REACH) and 1272/2008/EC

Trade name: KVM 250 Aquasit casting compound

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SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier:

KVM 250 Aquasit casting compound

Article number / Type: 2363044 / KVM 250

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

Relevant identified uses: casting compound. Use by professional workers. Consumer use.

Uses advised against: application other than the above.

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

Distributor Details:

OBO Bettermann Produktion Deutschland GmbH & Co. KG Hüingser Ring 52, 58710 Menden (Sauerland), Germany

Tel.: +49 2373 890 Fax: +49 2373 89238

E-mail: info@obo.de

Responsible for SDS:

OBO Bettermann Produktion Deutschland GmbH & Co. KG

Hüingser Ring 52, 58710 Menden (Sauerland), Germany

Tel.: +49 2373 890 Fax: +49 2373 89238 E-mail: info@obo.de

1.4. Emergency telephone number

National Poisons Information Centre in Ireland:

Tel.: 01 809 2166 (between 8am and 10pm for members of the public)

Tel: 01 809 2566 (Professionals, 24/7)

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Hazard Class and Category: Hazard statement:

Not classified.



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2.2. Label elements

Product identification: Trade name: Aquasit casting compound, cartridge

Hazardous components: -

GHS Pictogram: not required Signal word: not required

Hazard statement: **not required**

Supplemental hazard information: -

Precautionary statements – General:

-

Precautionary statements – Prevention:

-

Precautionary statements – Response:

-

Precautionary statements – Storage:

-

Precautionary statements – Disposal:

-

Other liabilities for labelling:

Tactile warning of danger and child-resistant fastening: not required.

Transport classification: see section 14.

2.3. Other hazards

Results of PBT and vPvB assessment: no data. Endocrine disrupting properties: no data.



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SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical description: Mixtures of the following substances and non-hazardous substances.

Component(s) / Hazardous component(s):

Name	EC	CAS	Hazard classes and	Hazard	Conc.	
	number	number	cat.	statements	% (m/m)	
Does not contain ingredients to be declared.						

The full text of each relevant H- phrase and Hazard classes and cat. see in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

General information: Never give anything by mouth to an unconscious person, or never

induce vomiting.

Inhalation: Remove the affected person to fresh air. If rapid recovery does not occur, obtain

medical attention.

Skin contact: Wash skin with large amounts of water, use soap. Do not use solvents or

thinners. In case of persistent irritation, get medical attention.

Eye contact: Flush eyes with plenty of water for at least 10 minutes, holding the eyelids open.

In case of persistent irritation, get medical attention.

Ingestion: DO NOT induce vomiting. Rinse mouth thoroughly with water and give the

injured person some water to drink. Get prompt medical attention.

Protection of first-aid person: No data.

4.2. Most important symptoms and effects, both acute and delayed No data.

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

SECTION 5: Fire-fighting measures

5.1. Extinguishing media

Suitable extinguishing media:

According to the burning environment: Dry chemical powder, alcohol-resistant foam, carbon dioxide, water spray.



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Unsuitable extinguishing media:

Full water jet.

5.2. Special hazards arising from the substance or mixture

Hazardous combustion products: the product is not combustible.

On burning, carbon dioxide, carbon monoxide, nitrogen oxides, dense black smoke, and other toxic fumes / gases can be formed.

5.3. Advice for fire-fighters

Special protective equipment:

According to the existing fire-fighting regulations. Respiratory protection.

Further information:

In case of fire, keep containers cool with water spray.

Collect contaminated fire-fighting water separately. It must not enter the sewage system.

Contaminated extinguishing water must be disposed of in accordance with official regulations.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: see Section 8.

Sufficient ventilation should be provided.

Keep away from sources of ignition – No smoking.

Avoid contact with skin, clothing and eyes, inhalation of vapours.

6.2. Environmental precautions:

Confine spills to prevent material from entering sewers, watercourses, drains and into soil Notify relevant authority.

6.3. Methods and material for containment and cleaning up

On soil: Confine spills to prevent material from entering sewers, watercourses, drains

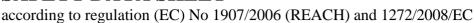
and into soil.

Recover free liquid by pumping. Contain the rest or small quantities with non-combustible liquid-absorbent material (sand, diatomaceous earth, universal liquid binder). Place in properly labelled closed container. Dispose of according to local regulations. Clean the area with a cleaning agent, do not use solvents.

6.4. Reference to other sections

Personal precautions: see section 8.

Waste treatment methods: see section 13.





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SECTION 7: Handling and storage

7.1. Precautions for safe handling

Keep general measures applied for normal operations with chemicals and flammable liquids. Adequate ventilation must be provided.

Avoid contact with clothing, skin and eyes. Avoid prolonged breathing of vapours.

Wash hands before breaks and at end of work.

Take off contaminated clothing and wash it before reuse.

When using do not eat, drink or smoke. Avoid splashing the product.

Handling temperature: no data.

7.2. Conditions for safe storage, including any incompatibilities

Storage facilities must comply with regulations for storing of chemicals.

Store in dry, cool well-ventilated place in original, closed containers. Keep away from strong acids, strong alkalis and oxidizing agents.

Protect from direct sunshine, direct heat or ignition sources.

Keep away from food, drink and feed.

Do not use pressure to empty the containers.

Storage temperature: $0 - 40^{\circ}$ C

7.3. Specific end use(s)

Casting compound.

SECTION 8: Exposure controls / personal protection

8.1. Control parameters:

No applicable occupational exposure limits.

8.2. Exposure controls

Engineering control measures:

Adequate ventilation (general or local exhaust).

Personal protection:

(a) Eye/face protection Safety goggles (EN 166).

(b) Skin protection

(i) Hand protection Chemical resistant gloves (EN 374).

Note: Manufacturer's directions for use and the conditions of

application should be observed.

(ii) Other Antistatic protective clothing (cotton or heat-resistant synthetic

fiber)



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(c) Respiratory protection In case of mist formation, a respirator with a suitable filter

(A1/P2) or a breathing apparatus independent of the ambient air

should be used.

(d) Thermal hazards No data.

Environmental exposure controls:

Do not discharge into drains/surface waters/groundwater.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

a) Physical state: liquid

b) Colour: amber

c) Odour: characteristic

d) Melting point/freezing point (Pour point): not available

e) Boiling point or initial boiling point and boiling range: not available

f) Flammability: not combustible

g) Lower and upper explosion limit: not available

h) Flash point: not available

i) Auto-ignition temperature: not available

j) Decomposition temperature: not available

k) pH (10% aqueous solution): not available

l) Kinematic viscosity

at 40°C: not available

at 100°C: not available

m) Solubility

Solubility in water: practically insoluble in water

Solubility in other solvents: not available

n) Partition coefficient n-octanol/water (log value): not available

o) Vapour pressure at 20°C: not available

p) Density and/or relative density (23°C, ASTM D 792): 0.92 g/cm³

q) Relative vapour density: not available

r) Particle characteristics: not available

9.2. Other information

Dynamic viscosity (23°C, ISO 2555) 1900 mPa's





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SECTION 10: Stability and reactivity

10.1. Reactivity Dangerous reactivity not known.

10.2. Chemical stability No decomposition if stored and handled properly.

10.3. Possibility of hazardous reactions10.4. Conditions to avoidNot known.Not known.

10.5. Incompatible materials Strong acids. Strong bases. Strong oxidizing agents

10.6. Hazardous decomposition products No dangerous decomposition products are formed under

normal conditions. Hazardous combustion products: See

Section 5.

SECTION 11: Toxicological information

11.1. Information on hazard classes as defined in Regulation (EC) No 1272/2008

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: Based on available data, the classification criteria are not met. Carcinogenicity: Based on available data, the classification criteria are not met. Reproductive toxicity: Based on available data, the classification criteria are not met. Based on available data, the classification criteria are not met. STOT-single exposure: STOT-repeated exposure: Based on available data, the classification criteria are not met. Aspiration hazard: Based on available data, the classification criteria are not met.

11.2. Information on other hazards

Endocrine disrupting properties: no data.

SECTION 12: Ecological information

12.1. Toxicity

No data available.

12.2. Persistence and degradability

No data available.

12.3. Bioaccumulative potential

No data available.

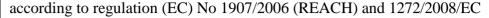
12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

No data available.

12.6. Endocrine disrupting properties No data available.





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12.7. Other adverse effects Do not discharge into drains, surface waters,

groundwater.

Water hazard class (German): No data.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

Product disposal:

Wastes of the product or used oil should be treated as hazardous waste.

Waste Identification Code: 08 04 10

Waste adhesives and sealants other than those mentioned in 08 04 09.

Disposal must be in compliance with national and local regulations.

Packaging disposal:

Containers with product residue should also be treated as hazardous waste according to national and local disposal regulations.

Waste Identification Code: 15 01 02

Plastic packaging.

Disposal must be in compliance with national and local regulations.

Wastewater:

Quality of wastewater emitted to natural water must comply with national and local regulations.

Care should be taken in any case to ensure compliance with EC, national and local regulations. It is the responsibility of the user to know all relevant national and local regulations.

SECTION 14: Transport information

Land transport:

Road/ Railway ADR/RID: Not classified. 14.1. UN number or ID number: Not classified.

14.2. UN proper shipping name: Not classified.

14.3. Transport hazard class(es): Not classified. 14.4. Packing group: Not classified. 14.5. Environmental hazards: Not classified.

14.6. Special precautions for user: Not classified.

14.7. Maritime transport in bulk according to IMO instruments Not applicable



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Waterways:

Inland waterways/ Sea transport ADN/IMDG: Not apply to the product.

Air transport: ICAO / IATA: Not apply to the product.

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture This safety data sheet has been prepared according to Regulation (EC) No 1907/2006 (mod.: 2020/878/EU) and to Regulation (EC) 1272/2008.

Seveso category: not classified.

15.2. Chemical safety assessment.

SECTION 16: Other information

The information given in this data sheet is based on our best knowledge at the time of publication. The information is related only to this product and is intended to assist its safe transport, handling and use. The given physical and chemical parameters describe the product only for the purpose of safety requirements and therefore should not be construed as guaranteeing any specific property of the product or as being part of a product specification or any contract.

The manufacturer or supplier shall not take responsibility for any damages from the use other than recommended or other misuse of the product. It is the responsibility of the user to keep regulatory precautions and observe recommendations for safe use of the product.

Classification for mixtures and used evaluation method according to regulation (EC) 1272/2008 (CLP)

Not classified.

The full text of each relevant H- phrase and Hazard classes and cat. in Section 3.:

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Legend:

ADN European Agreement concerning the International Carriage of Dangerous Goods by Inland

Waterways

ADR European Agreement concerning the International Carriage of Dangerous Goods by Road

ATE Acute Toxicity Estimate
BCF Bioconcentration Factor
BOD Biological Oxygen Demand

Bw Body Weight

C&L Classification and Labelling CAS Chemical Abstracts Service

CLP Classification, Labelling and Packaging

CMR Carcinogenic, Mutagenic or toxic to Reproduction

COD Chemical Oxygen Demand
CSA Chemical Safety Assessment
CSR Chemical Safety Report
DMEL Derived Minimal Effect Level
DNEL Derived No Effect Level
ECHA European Chemicals Agency
Ecx Effective Concentration x%

ErC50 EC50 in terms of reduction of growth rate

Edx Effective Dose x%
EC European Community
EC number European Community number

ELINCS European List of Notified Chemical Substances

ES Exposure Scenario

IARC International Agency for Research on Cancer
IATA International Air Transport Association
IMDG International Maritime Dangerous Goods

LCx Lethal Concentration x%

LDx Lethal Dose x%

LOAEC Lowest Observed Adverse Effect Concentration

LOAEL Lowest Observed Adverse Effect Level LOEC Lowest Observed Effect Concentration

LOEL Lowest Observed Effect Level NOEC No observed effect concentration

NOEL No observed effect level NLP No-Longer Polymer

NOAEL No Observed Adverse Effect Level

OECD Organisation for Economic Cooperation and Development

PBT Persistent Bioaccumulative and Toxic
PNEC Predicted No-Effect Concentration

ppm parts/million



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REACH Registration, Evaluation, Authorisation and Restriction of Chemicals

RID Regulations concerning the International carriage of Dangerous Goods by Rail

SVHC Substance of Very High Concern

UVCB substance of unknown or variable composition, complex reaction products or biological

materials

VOC Volatile organic compounds

vPvB Very Persistent and very Bio-accumulative

Revision Indicators:

Section	Subject of change	Date	Version