

Safety Data Sheet

according to 29 CFR 1910.1200(g)



AK22

Revision date: 07/28/2022

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1. Identification

Product identifier

AK22

Recommended use of the chemical and restrictions on use

Use of the substance/mixture

Barrier (Sealant)

Details of the supplier of the safety data sheet

Company name: Hottinger Brüel & Kjaer
Street: Im Tiefen See 45
Place: D-64293 Darmstadt
Telephone: +49 (0)6151 803-0
Internet: www.hbm.com
Responsible Department: support@hbm.com

Emergency phone number: +49-30-18412-0

2. Hazard(s) identification

Classification of the chemical

29 CFR Part 1910.1200

This mixture is not classified as hazardous in accordance with Regulation 29 CFR 1910.1200(d).

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

Label elements

Hazards not otherwise classified

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

3. Composition/information on ingredients

Mixtures

Further Information

This mixture does not contain any substances presenting a health or environmental hazard within the means of Regulation (EC) No. 1272/2008, assigned a Community workplace exposure limit, classified as PBT/vPvB or included in the Candidate List.

4. First-aid measures

Description of first aid measures

General information

When in doubt or if symptoms are observed, get medical advice.

Never give anything by mouth to an unconscious person or a person with cramps.

If unconscious but breathing normally, place in recovery position and seek medical advice.

After inhalation

Remove casualty to fresh air and keep warm and at rest.

If breathing is irregular or stopped, administer artificial respiration.

After contact with skin

After contact with skin, wash immediately with plenty of water and soap.

Do not wash with: Solvents/Thinner.

In case of skin reactions, consult a physician.

After contact with eyes

In case of contact with eyes flush immediately with plenty of flowing water for 10 to 15 minutes holding eyelids apart and consult an ophthalmologist. Remove contact lenses, if present and easy to do. Continue rinsing.

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Seek medical advice immediately.

After ingestion

If swallowed, rinse mouth with water (only if the person is conscious).

Call a physician immediately.

Put victim at rest, cover with a blanket and keep warm.

Do NOT induce vomiting.

Most important symptoms and effects, both acute and delayed

No information available.

Indication of any immediate medical attention and special treatment needed

No information available.

5. Fire-fighting measures

Extinguishing media

Suitable extinguishing media

alcohol resistant foam, Carbon dioxide (CO₂), Extinguishing powder, Water mist Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

Full water jet

Specific hazards arising from the chemical

No information available.

Special protective equipment and precautions for fire-fighters

Use water spray/stream to protect personnel and to cool endangered containers.

Collect contaminated fire extinguishing water separately. Do not allow entering drains or surface water.

Additional information

No information available.

6. Accidental release measures

Personal precautions, protective equipment and emergency procedures

General advice

Avoid breathing dust/fume/gas/mist/vapors/spray.

Safe handling: see section 7

Personal protection equipment (PPE): see section 8

Environmental precautions

No special environmental measures are necessary.

Methods and material for containment and cleaning up

Other information

Prevent spread over a wide area (e.g. by containment or oil barriers). Absorb with liquid-binding material (sand, diatomaceous earth, acid- or universal binding agents).

Collect in closed and suitable containers for disposal. Disposal: see section 13

Clean with detergents. Avoid solvent cleaners.

Reference to other sections

Safe handling: see section 7

Personal protection equipment (PPE): see section 8

7. Handling and storage

Precautions for safe handling

Advice on safe handling

Avoid contact with skin, eyes and clothes. Avoid breathing dust/fume/gas/mist/vapors/spray. When using do not eat, drink or smoke. Personal protection equipment (PPE): see section 8

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Never use pressure to empty container. Keep/Store only in original container.

Do not allow to enter into surface water or drains.

Advice on protection against fire and explosion

No special measures are necessary.

Further information on handling

No special handling advices are necessary.

Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Store in accordance with: Betriebssicherheitsverordnung (BetrSichV).

No special measures are necessary.

Hints on joint storage

No special measures are necessary.

Further information on storage conditions

Keep container tightly closed in a cool, well-ventilated place. When using do not smoke.

Always close containers tightly after the removal of product.

8. Exposure controls/personal protection

Control parameters

Additional advice on limit values

No information available.

Exposure controls



Appropriate engineering controls

No special technical protective measures are necessary.

Protective and hygiene measures

Wash hands before breaks and after work.

When using do not eat or drink.

Draw up and observe skin protection programme.

Use protective skin cream before handling the product.

Wear suitable protective clothing.

Eye/face protection

No special measures are necessary.

Hand protection

Use protective skin cream before handling the product.

Skin protection

No special measures are necessary.

Respiratory protection

No special measures are necessary.

Environmental exposure controls

No special measures are necessary.

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9. Physical and chemical properties

Information on basic physical and chemical properties

Physical state: solid
Color: dark green
Odor: rancid

Test method

pH-Value: not determined

Changes in the physical state

Melting point/freezing point: not determined
Boiling point or initial boiling point and boiling range: not determined
Sublimation point: not determined
Softening point: not determined
Pour point: not determined
not determined:

Flash point: 180 °C
Sustaining combustion: No data available

Flammability

Solid/liquid: not determined
Gas: not determined

Explosive properties

not relevant

Lower explosion limits: not determined
Upper explosion limits: not determined
Auto-ignition temperature: not determined

Self-ignition temperature

Solid: not relevant
Gas: not relevant

Decomposition temperature: not determined

Oxidizing properties

not relevant

Vapor pressure: < 0,1 hPa
(at 20 °C)

Vapor pressure: not determined
(at 50 °C)

Density (at 20 °C): 1,6 g/cm³ DIN 53217

Bulk density: not relevant

Water solubility: not determined OECD 105

Solubility in other solvents

not determined

Partition coefficient n-octanol/water: not determined

Viscosity / dynamic: not determined
(at 20 °C)

Viscosity / kinematic: not determined
(at 50 °C)

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Flow time: (at 23 °C)	not determined
Relative vapour density:	not determined
Evaporation rate:	not determined
Solvent separation test:	not relevant
Solvent content:	not relevant

Other information

Solid content:	not determined
No information available.	

10. Stability and reactivity

Reactivity

No information available.

Chemical stability

No information available.

Possibility of hazardous reactions

No information available.

Conditions to avoid

No information available.

Incompatible materials

No information available.

Hazardous decomposition products

No information available.

Further information

No information available.

11. Toxicological information

Information on toxicological effects

Toxicokinetics, metabolism and distribution

No information available.

Acute toxicity

Based on available data, the classification criteria are not met.

Irritation and corrosivity

Based on available data, the classification criteria are not met.

Sensitizing effects

Based on available data, the classification criteria are not met.

Carcinogenic/mutagenic/toxic effects for reproduction

Based on available data, the classification criteria are not met.

Specific target organ toxicity (STOT) - single exposure

Based on available data, the classification criteria are not met.

Specific target organ toxicity (STOT) - repeated exposure

Based on available data, the classification criteria are not met.

Carcinogenicity (OSHA): No ingredient of this mixture is listed.

Carcinogenicity (IARC): No ingredient of this mixture is listed.

Carcinogenicity (NTP): No ingredient of this mixture is listed.

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Aspiration hazard

Based on available data, the classification criteria are not met.

Specific effects in experiment on an animal

No information available.

Additional information on tests

No information available.

Practical experience

No information available.

Further information

There are no data available on the mixture itself.

The mixture is classified as not hazardous according to regulation (EC) No 1272/2008 [CLP].

Reference to other sections: 2, 3

12. Ecological information

Ecotoxicity

No information available.

Persistence and degradability

No information available.

Bioaccumulative potential

No information available.

Mobility in soil

No information available.

Endocrine disrupting properties

This product does not contain a substance that has endocrine disrupting properties with respect to non-target organisms as no components meets the criteria.

Other adverse effects

No information available.

Further information

There are no data available on the mixture itself.

Do not allow to enter into surface water or drains.

13. Disposal considerations

Waste treatment methods

Disposal recommendations

Dispose of waste according to applicable legislation.

Contaminated packaging

Dispose of waste according to applicable legislation.

14. Transport information

US DOT 49 CFR 172.101

Proper shipping name:

No dangerous good in sense of this transport regulation.

Marine transport (IMDG)

UN number:

No dangerous good in sense of this transport regulation.

UN proper shipping name:

No dangerous good in sense of this transport regulation.

Transport hazard class(es):

No dangerous good in sense of this transport regulation.

Packing group:

No dangerous good in sense of this transport regulation.

Air transport (ICAO-TI/IATA-DGR)

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UN number: No dangerous good in sense of this transport regulation.
UN proper shipping name: No dangerous good in sense of this transport regulation.
Transport hazard class(es): No dangerous good in sense of this transport regulation.
Packing group: No dangerous good in sense of this transport regulation.

Environmental hazards

ENVIRONMENTALLY HAZARDOUS: No

Special precautions for user

No dangerous good in sense of this transport regulation.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

No dangerous good in sense of this transport regulation.

15. Regulatory information

U.S. Regulations

State Regulations

Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65, State of California)

This product can not expose you to chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

Additional information

Observe in addition any national regulations!

16. Other information

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Other data

The information is based on the present level of our knowledge. It does not, however, give assurance of product properties and establishes no contract legal rights. The receiver of our product is singularly responsible for adhering to existing laws and regulations.

(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)