

Safety Data Sheet

according to Regulation (EC) No 1907/2006

KOESTER SB Bonding emulsion

Print date: 16.12.2014

Product code: 0211

Page 1 of 5

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

1.1. Product identifier

KOESTER SB Bonding emulsion

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

1.3. Details of the supplier of the safety data sheet

Manufacturer

Company name:	KOESTER BAUCHEMIE AG	
Street:	Dieselstrasse 3 - 10	
Place:	D-26607 Aurich	
Telephone:	++49-4941-9709-0	Telefax: ++49-4941-9709-46
e-mail:	produktsicherheit@koester.eu	
Internet:	www.koester.eu	
Responsible Department:	Forschung & Entwicklung	

Supplier

Company name:	KÖSTER Aquatecnic Ltd.	
Street:	33 Castledykes Road	
Place:	DG1 4SN Dumfries	
Telephone:	+44 8452268283	Telefax: +44 8452268293
Contact person:	Nigel Day	

1.4. Emergency telephone number: ++49-4941-9709-0

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

This mixture is not classified as hazardous according to Directive 1999/45/EC.

2.2. Label elements

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Chemical characterization

Polymerdispersion in water

SECTION 4: First aid measures

4.1. Description of first aid measures

General information

Due to its pH value (see chapter 9), irritation of the skin and eyes cannot be ruled out.

After inhalation

Provide fresh air.

After contact with skin

Wash with plenty of water. Change contaminated clothing.

After contact with eyes

Rinse immediately carefully and thoroughly with eye-bath or water.

After ingestion

Rinse mouth immediately and drink plenty of water.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

KOESTER SB Bonding emulsion

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Product code: 0211

Page 2 of 5

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media

Co-ordinate fire-fighting measures to the fire surroundings.

Unsuitable extinguishing media

High power water jet.

5.2. Special hazards arising from the substance or mixture

The product itself does not burn.

5.3. Advice for firefighters

In case of fire: Wear self-contained breathing apparatus.

Additional information

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

SECTION 6: Accidental release measures

6.2. Environmental precautions

Do not allow to enter into surface water or drains.

6.3. Methods and material for containment and cleaning up

Absorb with liquid-binding material (e.g. sand, diatomaceous earth, acid- or universal binding agents).

Treat the recovered material as prescribed in the section on waste disposal.

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Advice on safe handling

No special precautionary measures are necessary.

Advice on protection against fire and explosion

No special technical protective measures are necessary.

Further information on handling

No special handling instructions are necessary.

7.2. Conditions for safe storage, including any incompatibilities

Requirements for storage rooms and vessels

Keep container tightly closed.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective and hygiene measures

Change contaminated clothing. Wash hands before breaks and after work. When using do not eat or drink.

Eye/face protection

Tightly sealed safety glasses.

Hand protection

Wear suitable gloves. Suitable material: NBR (Nitrile rubber). Butyl rubber. Protect skin by using skin protective cream.

Skin protection

Wear suitable protective clothing.

Safety Data Sheet

according to Regulation (EC) No 1907/2006

KOESTER SB Bonding emulsion

Print date: 16.12.2014

Product code: 0211

Page 3 of 5

Respiratory protection

No special technical protective measures are necessary.

SECTION 9: Physical and chemical properties**9.1. Information on basic physical and chemical properties**

Physical state:	liquid
Colour:	whitish
Odour:	characteristic

Test method

pH-Value:	10
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Changes in the physical state

Melting point:	0 °C
Initial boiling point and boiling range:	100 °C
Density (at 20 °C):	1 g/cm ³
Water solubility:	miscible.
Viscosity / dynamic:	100 mPa·s ISO 2555

SECTION 10: Stability and reactivity**10.1. Reactivity**

No risks worthy of mention.

10.2. Chemical stability

No risks worthy of mention.

10.3. Possibility of hazardous reactions

No risks worthy of mention.

10.4. Conditions to avoid

No risks worthy of mention.

10.5. Incompatible materials

No risks worthy of mention.

10.6. Hazardous decomposition products

No risks worthy of mention.

SECTION 11: Toxicological information**11.1. Information on toxicological effects****Toxicokinetics, metabolism and distribution**

No information available.

Acute toxicity

No information available.

Irritation and corrosivity

Due to its pH value (see chapter 9), irritation of the skin and eyes cannot be ruled out.

Sensitising effects

no danger of sensitization.

Specific effects in experiment on an animal

No risks worthy of mention.

Additional information on tests

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

Safety Data Sheet

according to Regulation (EC) No 1907/2006

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Page 4 of 5

SECTION 12: Ecological information**12.1. Toxicity**

No risks worthy of mention.

12.2. Persistence and degradability

Product is not easily biodegradable.

12.3. Bioaccumulative potential

On the basis of existing data about the elimination/degradation and bioaccumulation potential longer term damage to the environment is unlikely.

12.4. Mobility in soil

No information available.

12.5. Results of PBT and vPvB assessment

This substance does not meet the criteria for classification as PBT or vPvB.

Further information

The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

SECTION 13: Disposal considerations**13.1. Waste treatment methods****Advice on disposal**

Do not allow to enter into surface water or drains. Dispose of waste according to applicable legislation.

Contaminated packaging

Water (with cleaning agent). Completely emptied packages can be recycled.

SECTION 14: Transport information**Land transport (ADR/RID)****Other applicable information (land transport)**

No dangerous good in sense of these transport regulations.

Inland waterways transport (ADN)**Other applicable information (inland waterways transport)**

No dangerous good in sense of these transport regulations.

Marine transport (IMDG)**Other applicable information (marine transport)**

No dangerous good in sense of these transport regulations.

Air transport (ICAO)**Other applicable information (air transport)**

No dangerous good in sense of these transport regulations.

14.5. Environmental hazards

ENVIRONMENTALLY HAZARDOUS: no

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****EU regulatory information**

1999/13/EC (VOC): 0 % (0 g/l)

National regulatory information

Safety Data Sheet

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KOESTER SB Bonding emulsion

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Product code: 0211

Page 5 of 5

Water contaminating class (D): 1 - slightly water contaminating

SECTION 16: Other information

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