

**EEC safety data sheet****BEGO Bremer Goldschlägerei Wilh. Herbst GmbH & Co.**Wilhelm-Herbst-Straße 1  
D-28359 BremenTelefon: 0421/20 28-0  
Telefax: 0421/20 28-100**emergency telephone NR****1. Material/preparing and company name****Data to the product**Trade name: **BegoSol<sup>®</sup> BegoSol<sup>®</sup> HE, BegoSol<sup>®</sup> M, Begosol K<sup>®</sup>  
BegoForm<sup>®</sup> mixing Liquids****data to the manufacturer/supplier**

Manufacturer/supplier: BEGO of Bremen gold fight Wilh. Herbst GmbH &amp; CO.

Road/p.o. box: Wilhelm-Herbst-Str. 1

Nat. Kennz./PLZ/Ort: D-28359 Bremen

Telephone: 0421/20 28-0

Fax: 0421/20 28-100

Information-giving range: Material development

Emergency telephone: 0421/20 28-0

**2. Composition / data to components****Chemical characterisation (single material)****Designation CAS NR. EINECS NR. EG NR.**colloidal SiO<sub>2</sub> 7631-86-9

Formalin 50-00-0

**Chemical characterisation (preparation)**

Description: 30-45%ige solution of colloidal silicic acid in water;

Formalin &lt; 1000 ppm

Dangerous contents materials: none

**3. Possible dangers****Special danger references for humans and environment (r-sentences)**

# BEGO-Anmischflüssigkeiten

is void

## 4. First aid measures

**After inhalation:** is void

**Wash off after** skin contact with plentifully water.

**After eye contact** eyes with opened eyelid gap at least 10 minutes under flowing Water rinse out and if necessary physician consult.

**Rinse after** swallowing mouth out and plentifully water after-drink. With complaints Physician consult

## 5. Measures for fire fighting

**Suitable fire extinguishing agents** no restriction with environment fire

**Special endangerment by the material, its verbrennungsprodukte or developing gases, further data**  
none

## 6. Measures during unintentional release

**Personal precautionary measures**  
none

**Environmental protection measures**  
no special measures

**Procedure for the cleaning/admission**  
Smaller quantities with damp cloth, larger quantities with absorbent material take up.

## 7. Handling and storage

### Handling

*References to safe handling:*

Containers keep closely closed (only due to of concentration fluctuations by evaporating water).

*References to the fire and explosion prevention:*

none

# BEGO-Anmischflüssigkeiten

## storage

*Requirements at stockrooms and containers:*

At a cool place store (otherwise the gelbildung is accelerated).

Containers keep closely closed (concentration).

Against frost protect (excluded BegoSol<sup>®</sup>).

## 8. Exposition delimitation and personal protection equipment

### Additional references to the organization of technical plants

No further data.

### Components with workstation-furnished, to supervising limit values

none

### Personal protection equipment

### General protection and hygiene measures

Keep away from food.

With the work do not eat, drink, smoke.

Wash hands before tracing and with end of work.

**Respiratory protection** escapes **handschutz** is void

**Eye protection** eye protector **body protection** is void

## 9. Physical and chemical characteristics

### Appearance

Form: liquid

Color: colorless to milchig (and/or rosafarben)

Smell: odorless

### Safety-relevant data

pH value: 9 to 11 danger of explosion:

Boiling temperature: approx. 100°C with 1013 mbar steam pressure: approx. 20 mbar with 20°C

Freezing point: approx. 0°C density (with 20°C): 1.09-1.35 g/cm<sup>3</sup>

Flash point: Water solubility: for an unlimited period mixable

## 10. Stability and reactivity

### Thermal decomposition:

No decomposition with intended use admits.

**Dangerous reactions: Dangerous decomposition products:**

# BEGO-Anmischflüssigkeiten

no none	
<b>11.</b>	<b>Data to the toxicology</b>
none	
<b>12.</b>	<b>Data to the ecology</b>
none	
<b>13.</b>	<b>References to the disposal</b>
Smaller quantities with damp cloth, larger quantities with absorbent material take up and together with domestic refuse deposit. The local official regulations are to be considered.	
<b>14.</b>	<b>Data to transport</b>
none	
<b>15.</b>	<b>Regulations</b>
frost-sensitively starting from 0°C, not over 35°C store	
<b>16.</b>	<b>Other data</b>
<b>Exhibitor of the data sheet</b> Department of material development	
<b>Partner</b> Thomas pointed	
<b>Revised to</b> 08/08/1997 <b>replace</b> 22/12/96	
the data describe our product regarding any safety requirements in accordance with the today's conditions of our knowledge. Characteristic warranties are not to be derived from it.	