



## Safety data sheet

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### 1. Substance/preparation and company identification

Trade name:

Trennmittel 69

Application of the substance/ the preparation:

Elastomer for industrial use.

BEIL

Kunststoffproduktions- und Handelsgesellschaft mbH

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### 2. Hazard identification

2.1 Classification of the substance or mixture

Classification according to Regulation (EC) No 1272/2008

Not considered as hazardous mixture.

Warning H statements: none.

Classification according to

Directive 1999/45/EC: Not considered as hazardous mixture.

2.2 Label elements

Components which define the hazards: none.

Warning H statements: none.

Precautionary P statements:

P261 – Avoid breathing mist/vapours/spray.

P280 – Wear protective gloves.

P501 – Dispose of contents/container in accordance with local regulations.

P272 - Contaminated work clothing should not be allowed out of the workplace.

P273 – Avoid release to the environment.

P363 – Wash contaminated clothing before reuse.

P391 – Collect spillage.

P302 + P352 – IF ON SKIN: Wash with plenty of soap and water.

P304 + P340 – IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P333 + P313 – If skin irritation or rash occurs: Get medical advice/attention.

P337 + P313 – If eye irritation persists: Get medical advice/attention.

2.3 Other hazards

Ammonia vapors may cause respiratory irritation. Proteins from latex can cause allergic reactions.

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### 3. Composition/information on ingredients

3.1. Substance: Not applicable

3.2 Mixtures



Designation	CAS nr.	EC nr.	REACH reg. nr.	Conc - (%)	Hazard symb.	R phrase	Haz. Pict.	Hazard cat.	H phrase
Natural rubber latex*	9006-04-6	232-689-0	(2)	> 99	-	-	-	-	-
Ammonia, aqueous solution	1336-21-6	215-647-6	-	0,2-0,8	C; N	34-50	GHS05 GHS09 Dgr	Skin Corr. 1B Aquatic Acute 1	H314 H400

\*: Substance classified by the manufacturer or substance which has no obligatory classification according to the EU regulations.

(1) Natural dispersion of about 60% polyisoprene with natural impurities in water.

(2) REACH Registration number: Natural latex is excluded as a natural polymer from registration under REACH.

Full text H-phrases: see section 16.

#### 4. First-aid measures

##### 4.1 Description of first aid measures

In case of any doubt or if symptoms persist, obtain medical assistance.

##### IN CASE OF INGESTION:

Measures: - If swallowed: Call a poison center / doctor if you feel unwell.

##### IN CASE OF INHALATION:

Measures: - Remove person to fresh air.  
- If not breathing, give artificial respiration.  
- If breathing is difficult, seek immediate medical attention.

##### IN CASE OF SKIN CONTACT:

Measures: - Rinse skin with plenty of soap and water for at least 15 minutes and remove contaminated clothing and shoes.  
- If skin irritation or rash occurs: obtain medical help.

##### IN CASE OF EYE CONTACT:

Measures: - Remove contact lenses.  
- Hold eyelids apart.  
- Flush immediately with water for at least 15 minutes.  
- Obtain medical help.

##### 4.2. Most important symptoms and effects, both acute and delayed:

Pungent odor. Ammonia vapors may cause respiratory irritation.

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

If skin irritation or rash occurs: obtain medical help/consult a physician.

#### 5. Fire-fighting measures

##### 5.1 Extinguishing media

5.1.1. Suitable extinguishing media: Carbon dioxide, appropriate foam, dry chemical, water spray, fog.

5.1.2. Unsuitable extinguishing media: Not available.

5.2. Special hazards arising from the substance or mixture: The product is not flammable under normal conditions with a water content of about 35 %.

5.3. Advice for firefighters: The Firefighters must wear a fireproof protective equipment. Wear full protective clothing and self-contained breathing apparatus.

#### 6. Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures:



- 6.1.1 For non-emergency personnel: Prevent access by unauthorized persons. Only trained personnel wearing appropriate protective equipment that knows the necessary precautions well may stay at the accident scene.
- 6.1.2. For emergency responders: Ensure adequate ventilation. Avoid inhalation of the vapor. Avoid contact with skin and eyes.
- 6.2. Environmental precautions: Avoid discharge into drains / sewer system or directly into the aquatic environment. Keep the substance away from drains, surface and groundwater and soil.
- 6.3. Methods and material for containment and cleaning up:  
 Pick up waste and dispose without any dust creation. Keep the substance in suitable, closed containers until disposal. Clean up affected area. Remove spills immediately.
- 6.4. Reference to other sections: For information about safe handling, see Section. 7. For information about personal protective equipment, see Section. 8. For information about disposal, see Section. 13.

**7. Handling and storage**

- 7.1. Precautions for safe handling:  
 Observe conventional hygiene precautions.  
 Avoid contact with skin and eyes.  
 Avoid inhaling of ammonia vapors.  
 Do not eat, drink and smoke in work areas.  
 Wash hands after use.  
 Remove contaminated clothing and protective equipment before entering eating areas.  
 Technical measures: No special measures are required.  
 Precautions against fire and explosion: No special measures are required.
- 7.2. Conditions for safe storage, including any incompatibilities:  
 Technical measures and storage condition:  
 Keep in a cool, well-ventilated place.  
 Let the container always tightly closed.  
 Protect from frost.  
 Avoid temperatures below +6 °C. There is a danger that the latex will be irreversibly destroyed.  
 Incompatible materials: strong oxidizing agents, acids.  
 Packaging material: no special requirements.
- 7.3. Specific end use(s): No specific instructions available.

**8. Exposure controls and personal protection**

- 8.1. Control parameters: Exposure limit values (according to regulations 2000/39/EC; 2006/15/EC; 2009/161/EU):  
 The components of the mixture are not regulated with exposure limit value.

**DNEL**

Worker	Cosumer	Routes of exposure	Exposure frequency:	Remarks:
No data available	No data available	Dermal	Short term (acute) Long term (repeated)	No data available
No data available	No data available	Inhalative	Short term (acute) Long term (repeated)	No data available
No data available	No data available	Oral	Short term (acute) Long term (repeated)	No data available

**PNEC**

Water	Soil	Air	Exposure frequency:	Remarks:



No data available	No data available	No data available	Short term (single use) Long term (continuous)	No data available
No data available	No data available	No data available	Short term (single use) Long term (continuous)	No data available
No data available	No data available	No data available	Short term (single use) Long term (continuous)	No data available

## 8.2. Exposure controls:

In case of a hazardous material with no controlled concentration limit it is the employer's duty to keep concentration levels down to a minimum achievable by existing scientific and technological means, where the hazardous substance poses no harm to workers.

8.2.1 Appropriate engineering controls: In pursuance of work is proper foresight needed to avoid spilling onto clothes and floors and to avoid contact with eyes and skin.

Ensure good general ventilation and local exhaust ventilation in the work areas.

8.2.2. Individual protection measures, such as personal protective equipment:

1. Eye/face protection: wear appropriate protective goggles to avoid eye contact.
2. Skin protection:
  - a. Hand protection: wear suitable gloves to avoid contact with skin.
  - b. Other: wear suitable protective clothing to prevent contact with skin.
3. Respiratory protection: in case of insufficient ventilation, wear suitable respiratory equipment.
4. Thermal hazard: wear suitable protective clothing as a prevention against heat.

8.2.3. Environmental exposure controls:

Avoid release to the environment. This material and its container must be disposed as hazardous waste according to local, state and governmental regulations.

The requirements detailed in Section 8 assume skilled work under normal conditions and usage of the product for appropriate aims. If conditions differ from normal or work is carried out under extreme conditions an expert's advice should be sought out before deciding upon further protective measures.

## 9. Physical and chemical properties

9.1. Information on basic physical and chemical properties:

Parameter	
Appearance:	white liquid
Odor:	strong ammonia odor
Odour threshold:	not available
pH value:	10 – 11,4
Melting point/ freezing point:	not applicable
Initial boiling point/boiling range:	100 °C
Flash point:	not applicable
Evaporation rate:	not defined
Flammability:	not defined
Upper/lower flammability or explosive limits:	not applicable
Vapour pressure:	not determined
Vapour density:	not determined
Relative density:	0,947 g/cm (25°C)
Solubility(ies):	completely soluble in water
Partition coefficient: n-octanol/ water (log Pow)	not applicable
Self-ignition temperature:	not applicable
Degradation temperature:	not applicable
Viscosity:	not determined



Explosive properties: not applicable  
Oxidizing properties: not applicable  
9.2 Other information:  
Bulk density (kg/m): 947  
Ignition temperature (°C): not applicable  
Fat solubility: (soluble - oil to be specific), etc.: not available.  
Surface tension: not available.  
Dissociation constant in water (pKa): not available.  
Oxidation-reduction potential: not available.

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## 10. Stability and reactivity

### 10.1. Reactivity

The substance is stable under normal storage and handling conditions.

### 10.2. Chemical stability

Stable, when stored at room temperature in a closed original container. Stable under normal conditions of handling, use and transport.

### 10.3. Possibility of hazardous reactions:

Under normal conditions, hazardous reactions will occur.

### 10.4. Conditions to avoid: None.

### 10.5. Incompatible materials: Strong oxidizing agents, acids.

### 10.6. Hazardous decomposition products:

Thermal decomposition products: Carbon monoxide (CO), nitrous gases (NO<sub>x</sub>).

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## 11. Toxicological information

### 11.1. Information on toxicological effects:

Acute toxicity: none known.

Skin corrosion/irritation: none known.

Serious eye damage/eye irritation: none known.

Respiratory or skin sensitisation: on the basis of available data does not meet the criteria for classification, but may cause sensitization by skin contact or absorption into the lungs.

Germ cell mutagenicity: none known.

Carcinogenicity: none known.

Reproduction toxicity: none known.

STOT-single exposure: none known.

STOT-repeated exposure: none known.

Aspiration hazard: none known.

11.1.1. For substances subject to registration, brief summaries of the information derived from the test conducted: None known.

11.1.2. Relevant toxicological properties of the hazardous substances: None known.

11.1.3. Information on likely routes of exposure: Ingestion, inhalation, skin and eye contact.

11.1.4. Symptoms related to the physical, chemical and toxicological characteristics: None known.

11.1.5. Delayed and immediate effects as well as chronic effects from short and long-term exposure: None known.

11.1.6. Interactive effects: None known.

11.1.7. Absence of specific data: None known.

11.1.8. Other information: None known.

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## 12. Ecological information

### 12.1. Toxicity:

None known.



12.2. Persistence and degradability:

None known.

12.3. Bioaccumulation potential:

None known.

12.4. Mobility in soil

None known.

12.5. Results of PBT and vPvB assessment

None known.

12.6. Other adverse effects:

WG-Class (Germany): 1 (according to German Regulation VwVwS 17.05.99 identification number 662).

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### 13. Disposal considerations

13.1. Waste treatment methods:

Disposal according to the local regulations.

13.1.1. Information regarding the disposal of the product:

Avoid release to the environment.

This material and its container must be disposed as hazardous waste according to local, state and governmental regulations.

European Waste Code:

For this product no waste disposal key according the European Waste Catalogue (EWC) can be determined, as only the purpose of application defined by the user enables an allocation.

The EWC codes indicated below are only recommendations, but they may have to be changed due to special circumstances, in such cases new classification may be needed.

13.1.2. Information regarding the disposal of the packaging:

If an empty container contains residues of the product, all precautions indicated on the label, should be observed.

For return for recycling or disposal refer to national or local regulations.

13.1.3. Physical/chemical properties that may affect waste treatment options shall be specified:

None known.

13.1.4 Sewage disposal:

None known.

13.1.5. Special precautions for any recommended waste treatment:

No data available.

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### 14. Transport information

**Not dangerous good in sense of the transport regulations!**

14.1. UN Number:

None.

14.2. UN proper shipping name:

None.

14.3. Transport hazard class(es):

None.

14.4. Packaging group:

None.

14.5. Environmental hazard:

No further relevant information available.

14.6. Special precautions for user:

Natural latex is not subject to dangerous goods regulations.



14.7. Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code:  
Not applicable

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## 15. Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture:  
REGULATION (EC) No 1907/2006 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC

DIRECTIVE 1999/45/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations  
REGULATION (EC) No 1272/2008 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 December 2008 on classification, labelling and packaging of substances and mixtures, amending and repealing Directives 67/548/EEC and 1999/45/EC, and amending Regulation (EC) No 1907/2006  
COMMISSION REGULATION (EU) No 453/2010 of 20 May 2010 amending Regulation (EC) No 1907/2006 of the European Parliament and of the Council on the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)

Other EU regulations: Employment restrictions concerning young people must be observed.  
Should be used only by technically qualified personnel.

15.2. Chemical Safety Assessment: Chemical Safety Assessment has not been carried out.

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## 16. Other information

Information regarding the revision of the safety data sheet: none.

Full text of the abbreviations in the safety data sheet: DNEL: Derived No Effect Level. PNEC: Predicted No Effect Concentration. CMR effects: Carcinogenicity, Mutagenicity and Reproduction toxicity. PBT: Persistent, Bioaccumulative and Toxic. vPvB: Very Persistent, Very Bioaccumulative. n.d.: not defined. n.a.: not applicable.

Relevant H-Phrases (number and full text) of Section 2 and 3:

H314 – Causes severe skin burns and eye damage.

H400 – Very toxic to aquatic life.

This safety data sheet had been prepared on the basis of information provided by the manufacturer/supplier and conform to the relevant regulations. The information, data and recommendations contained herein are provided in good faith, obtained from reliable sources and believed to be true and accurate as of the date issued; however, no representation is made as to the comprehensiveness of the information. The SDS shall be used only as a guide for handling the product; in the course of handling and using the product other considerations may arise or be required. Users are cautioned to determine the appropriateness and applicability of the above information to their particular circumstances and purposes and assume all risk associated with the use of this product. It is the responsibility of the user to fully comply with local, national and international regulations concerning the use of this product.