



## Safety data sheet

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### 1. Substance/preparation and company identification

Trade name:

Plastikspray

Application of the substance/ the preparation:

Siliconpolymer for Elastomeres

BEIL

Kunststoffproduktions- und Handelsgesellschaft mbH

Lehmkuhlenweg 25

D- 31224 Peine

Telefon: +49 (0)5171/70 99-0

Telefax: +49 (0)5171/7099-29

E-Mail: [service@beil-peine.de](mailto:service@beil-peine.de)

Information in case of emergency:

Giftzentrale Göttingen

Tel.: +49 (0)551/19240

Telefax: +49 (0)551/3831881

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### 2. Hazard identification

#### 2.1. Classification of the substance or mixture

##### Classification according to Directive 67/548/EEC or 1999/45/EC

Indications of danger: F+ - Extremely flammable

R phrases:

Extremely flammable.

Repeated exposure may cause skin dryness or cracking.

Vapours may cause drowsiness and dizziness.

##### Classification according to Regulation (EC) No.1272/2008 [CLP]

Hazard categories:

Flammable gas: Flam. Gas 1

Serious eye damage/eye irritation: Eye Irrit. 2

Hazard Statements:

Extremely flammable aerosol.

Pressurised container: May burst if heated.

Causes serious eye irritation.

May cause drowsiness or dizziness.

#### 2.2. Label elements

##### Hazardous components, which must be listed on the label

n-Butylacetat, Aceton, 1-Methoxy-2-propanol, Monopropylenglycolmethylether

Signal word: Danger

Pictograms: GHS02-GHS07

**Hazard statements**

- H222 Extremely flammable aerosol.  
 H229 Pressurised container: May burst if heated.  
 H319 Causes serious eye irritation.  
 H336 May cause drowsiness or dizziness.

**Precautionary statements**

- P102 Keep out of reach of children.  
 P501 Dispose of contents/container to Dispose of this material and its container to hazardous or special waste collection point..  
 P410+P412 Protect from sunlight. Do not expose to temperatures exceeding 50 °C/122 °F.  
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.  
 P271 Use only outdoors or in a well-ventilated area.  
 P251 Do not pierce or burn, even after use.  
 P210 Keep away from heat. No Smoking.

**Special labelling of certain mixtures**

EUH066 Repeated exposure may cause skin dryness or cracking.

**3. Composition/information on ingredients****3.2. Mixtures****Hazardous components**

<u>EC No</u>	<u>Chemicalname</u>	<u>Quantity</u>
CAS No	Classification	
Index No	GHS classification	
REACH No		
204-658-1	n-butyl acetate	25-50%
123-86-4	R10-66-67	
607-025-00-1	Flam. Liq. 3, STOT SE 3; H226 H336 EUH066	
203-448-7	butane 10-25%	
106-97-8	F+ - Extremely flammable R12	
601-004-00-0	Flam. Gas 1; H220	
200-662-2	acetone; propan-2-one; propanone	10-25%
67-64-1	F - Highly flammable, Xi - Irritant R11-36-66-67	
606-001-00-8	Flam. Liq. 2, Eye Irrit. 2, STOT SE 3; H225 H319 H336 EUH066	
203-539-1	1-Methoxy-2-propanol	10-25 %
107-98-2	F - Highly flammable, Xn - Harmful, Xi - Irritant R11-22-36/37/38	
	Flam. Liq. 3, STOT SE 3; H226 H336	
01-2119457435-35		
200-827-9	propane	1,5-10%
74-98-6	F+ - Extremely flammable R12	
601-003-00-5	Flam. Gas 1; H220	

Full text of R- and H-phrases: see section 16.

**4. First-aid measures****4.1. Description of first aid measures****After inhalation**



Provide fresh air. In case of accident or unwellness, seek medical advice immediately (show directions for use or safety data sheet if possible).

**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**

If swallowed, immediately drink: Water.

**4.2. Most important symptoms and effects, both acute and delayed**

No data available

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

No data available

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**5. Fire-fighting measures**

**5.1. Extinguishing media**

Suitable extinguishing media:

Carbon dioxide(CO2). Foam. Extinguishing powder.

Extinguishing media which must not be used for safety reasons:

Water with tenside additive. Water.

**5.2. Special hazards arising from the substance or mixture**

Heating causes rise in pressure with risk of bursting.

**5.3. Advice for firefighters**

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

**Additional information:**

Use water spray jet to protect personnel and to cool endangered containers.

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**6. Accidental release measures**

**6.1. Personal precautions, protective equipment and emergency procedures**

Provide adequate ventilation..

**6.2. Environmental precautions**

Do not allow to enter into surface water or drains. Explosion hazard.

**6.3. Methods and material for containment and cleaning up**

Ventilate affected area.

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**7. Handling and storage**

**7.1. Precautions for safe handling**

**Advice on safe handling**

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

**Advice on protection against fire and explosion**

Keep away from sources of ignition. - No smoking.

**7.2. Conditions for safe storage, including any incompatibilities**

**Requirements for storage rooms and vessels**

Keep container tightly closed.

**Advice on storage compatibility**

Do not store together with: Material, rich in oxygen, oxidizing.

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**8. Exposure controls and personal protection**

**8.1. Control parameters**

**Exposure limits (EH40)**



Cas No	Chemical name	ppm	mg/m <sup>3</sup>	F/ml	Category	Origin
107-98-2	1-Methoxypropan-2-ol	100	375		TWA (8 h)	WEL
		150	560		STEL (15 min)	WEL
67-64-1	Acetone	500	1210		TWA (8 h)	WEL
		1500	3620		STEL (15 min)	WEL
106-97-8	Butane	600	1450		TWA (8 h)	WEL
		750	1810		STEL (15 min)	WEL
123-86-4	Butyl acetate	150	724		TWA (8 h)	WEL
		200	966		STEL (15 min)	WEL

## 8.2. Exposure controls

### Appropriate engineering controls

If handled uncovered, arrangements with local exhaust ventilation have to be used. Do not breathe gas/fumes/vapour/spray.

### 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

DIN EN 374 Tested protective gloves are to be worn: Butyl rubber. For special purposes, it is recommended to check the resistance to chemicals of the protective gloves mentioned above together with the supplier of these gloves.

### Skin protection

Protective clothing:

### Respiratory protection

In case of inadequate ventilation wear respiratory protection.

## 9. Physical and chemical properties

### 9.1. Information on basic physical and chemical properties

Physical state: Aerosol  
 Colour: colourless  
 Odour: characteristic

### Changes in the physical state

Initial boiling point and boiling range: -0,5 °C  
 Flash point: <0 °C  
 Lower explosion limits: 1,4 vol. %  
 Upper explosion limits: 14,3 vol. %  
 Ignition temperature: 270 °C  
 Vapour pressure (at 20 °C): 2100 hPa  
 Vapour pressure (at 50 °C): 4900 hPa  
 Density (at 20 °C): 0,88 g/cm<sup>3</sup>  
 Solvent content: 37,04 %

## 10. Stability and reactivity

### 10.1. Reactivity

No data available

### 10.2. Chemical stability

No data available

### 10.3. Possibility of hazardous reactions

No data available

### 10.4. Conditions to avoid

Keep away from heat. Ignition hazard.

### 10.5. Incompatible materials

No data available



## 10.6. Hazardous decomposition products

No data available

## 11. Toxicological information

### 11.1. Information on toxicological effects

#### Acute toxicity

CAS	No Chemical name	Exposure routes	Method	Dose	Species	Source
106-97-8	butane	inhalative (4 h) gas	LC50	273000 ppm	Rat	GESTIS
67-64-1	acetone; propan-2-one; propanone	oral	LD50	5800 mg/kg	Rat	RTECS
		dermal	LD50	20000 mg/kg	Rabbit	IUCLID
		inhalative (4 h) vapour	LC50	76 mg/l	Rat	

#### Irritation and corrosivity

Vapours may cause drowsiness and dizziness.

#### Severe effects after repeated or prolonged exposure

Has degreasing effect on the skin. Frequently or prolonged contact with skin may cause dermal irritation.

#### Additional information on tests

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

## 12. Ecological information

### 12.1. Toxicity

CAS No	Chemical name	Aquatic toxicity	Method	Dose	[h]   [d]	Species
67-64-1	acetone; propan-2-one; propanone	Acute fish toxicity	LC50	5540 mg/l	96 h	Onchorhynchus mykiss
		Acute crustacea toxicity	EC50	6100 mg/l	48 h	Daphnia magna

### 12.3. Bioaccumulative potential

#### Partition coefficient n-octanol/water

CAS No	Chemical name	Log Pow
106-97-8	butane	2,89
67-64-1	acetone; propan-2-one; propanone	-0,24
74-98-6	propane	2,36

#### Further information

Do not allow to enter into surface water or drains. The classification was carried out according to the calculation method of the Preparations Directive (1999/45/EC).

## 13. Disposal considerations

### 13.1. Waste treatment methods

#### Advice on disposal

Dispose of waste according to applicable legislation.

#### Waste disposal number of waste from residues/unused products

160504 WASTES NOT OTHERWISE SPECIFIED IN THE LIST; gases in pressure containers and discarded chemicals; gases in pressure containers (including halons) containing dangerous substances.

Classified as hazardous waste.

#### Waste disposal number of contaminated packaging



150104 WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); metallic packaging

**Contaminated packaging**

Non-contaminated packages may be recycled. Handle contaminated packages in the same way as the substance itself.

**14. Transport information**

**Land transport (ADR/RID)**

UN-Number: UN1950  
UN proper shipping name: AEROSOLS  
Transport hazard class(es): 2  
Hazard label: 2.1  
Classification code: 5F  
Special Provisions: 190 327 625  
Limited quantity: 1 l  
Transport category: 2  
Tunnel restriction code: D

**Other applicable information (land transport)**

E0

**Inland waterways transport (ADN)**

UN-Number: UN1950  
UN proper shipping name: AEROSOLS  
Transport hazard class(es): 2  
Hazard label: 2.1  
Classification code: 5F  
Special Provisions: 190 327 344 625  
Limited quantity: 1L

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

E0

**Marine Transport**

UN-Number: UN1950  
UN proper shipping name: AEROSOLS  
Transport hazard class(es): 2  
Hazard label: 2.1  
Special Provisions: 63, 190, 277, 327, 344, 959  
Limited quantity: See SP277  
EmS: F-D, S-U

**Other applicable information (marine transport)**

E0

**Air transport (ICAO)**

UN/ID number: UN1950  
UN proper shipping name: AEROSOLS  
Transport hazard class(es): 2  
Hazard label: 2.1  
Special Provisions: A145 A167  
Limited quantity Passenger: 30 kg G  
IATA-packing instructions - Passenger: 203  
IATA-max. quantity - Passenger: 75 kg



IATA-packing instructions - Cargo: 203  
IATA-max. quantity - Cargo: 150 kg

**Other applicable information (air transport)**

E0  
:Y203

**Environmental hazards**

ENVIRONMENTALLY HAZARDOUS: no

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**15. Regulatory information**

**Safety, health and environmental regulations/legislation specific for the substance or mixture**

**EU regulatory information**

2004/42/EC (VOC): 55,56 % (433,368 g/l)

**National regulatory information**

Water contaminating class (D): 2 - water contaminating

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**16. Other information**

**Relevant R-phrases (Number and full text)**

10 Flammable.  
11 Highly flammable.  
12 Extremely flammable.  
22 Harmful if swallowed.  
36 Irritating to eyes.  
36/37/38 Irritating to eyes, respiratory system and skin.  
66 Repeated exposure may cause skin dryness or cracking.  
67 Vapours may cause drowsiness and dizziness.

**Relevant H- and EUH-phrases (Number and full text)**

H220 Extremely flammable gas.  
H222 Extremely flammable aerosol.  
H225 Highly flammable liquid and vapour.  
H226 Flammable liquid and vapour.  
H229 Pressurised container: May burst if heated.  
H319 Causes serious eye irritation.  
H336 May cause drowsiness or dizziness.  
EUH066 Repeated exposure may cause skin dryness or cracking.

The information contained here in is based on the present state of our knowledge and does not therefore guarantee certain properties. Recipients of our product must take responsibility for observing existing laws and regulations.