

# Material Safety Data Sheet

Manufacturer: Bansbach easylift GmbH  
Revision: 2

## SECTION 1 Product Identification

Product: Gas springs  
Part Numbers/ Description: Standard designs / Part numbers

## SECTION 2 Hazardous Ingredients

Chemical Name	% By Weight
Zinc*	<1
Lead*	<0.02

\*Dependent on gas spring specification

## SECTION 3 A Physical data of Gas

Boiling Point: -196°C  
Solubility in Water: 20 mg/l  
Relative Density (Gas): 0.97 (air = 1)  
Appearance and Odour:  
Colourless, Odourless Gas

## SECTION 3 B Physical data of Oil

Boiling Point: >316°C  
Flash Point: >177°C  
Relative Density 15/4 C:0.876  
Vapour Density:>2  
Solubility in Water:Negligible  
Appearance and Odour: Light Amber liquid with a mild odour

## SECTION 3 C Physical data of Rubber

Specific Gravity:1.31  
Solubility in Water:Negligible  
Appearance and Odour: Black material with solid appearance and characteristic odour.

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### SECTION 4

#### Fire and Explosion Data

Extinguishing Media: All Extinguishants allowed.

Special Fire Fighting Procedures: As in any fire, self-contained breathing apparatus should be used.

Unusual Hazards: Small quantities of irritating and/ or toxic and/ or asphyxiant gases may be released during a fire. Sources of these gases are in very small quantities in each gas spring.

Hazardous Combustion Products: Oil may produce Carbon Monoxide, metal oxides and Elemental oxides. Only a small amount of oil is present in each spring. Conditions under which ignition will occur: Exposure to fire may cause containers to rupture or explode. Non-Flammable.

### SECTION 5

#### Health Hazard Data

Effects of Over Exposure: none known at ambient temperature

Emergency and First Aid Procedures: not applicable

### SECTION 6

#### Reactivity Data

Stability: Assembly is stable at ambient temperature

Incompatibility: None

Hazardous decomposition products: None

Hazardous polymerisation: rubber components may vulcanise over 120°C

### SECTION 7

#### Spill or Leak procedure

Steps to be taken if material is released or spilled: If product is ruptured, Oil may cause irritation to skin and eye contact should be avoided.

Skin Contact: Wash with soap and water.

Eye Contact: Flush thoroughly with water.

### SECTION 8

#### Personal Protection

Respiratory: Ambient Air

Ventilation: Local

Other Equipment: None

Eye Protection: Not Required

Gloves: Not Required

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### SECTION 9

#### Precautions and Disposal

Handling and Storage Information: Do not dent or pierce the spring.  
Store in cool, dry and ventilated area.

Other Precautions: None

Disposal: This material is considered to be recyclable.  
Dispose of according to local regulations

### SECTION 10

#### Transport

The product is, according to the special regulations 283/594 ADR, the Special Provision 283 of the IMDG-codes and the special regulation A114 a.) to e.) of the IATA-DGR, released from the application of the regulations for dangerous goods.

### SECTION 11

#### Labelling Information

Gas spring must show Caution label stating: Do not open High Pressure