

Material Safety Data Sheet**Material Safety Data Sheet**

Manufacturer: Bansbach easylift GmbH
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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