

Material Safety Data Sheet

Manufacturer: Bansbach easylift GmbH

Date: June 17, 2008

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:

Solubility in Water: Negligible

Appearance and Odour:

Black material with solid appearance and characteristic

odour.



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



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