



## EU-Safety-data sheet according to (EC) No. 1907/2006 (REACH)

Material: PA film, one or both sides siliconized

Version: 2 Date of print: 14/09/2011

Date of revision: 11/07/2011

### 1. Identification of the Substance and of the Company

<b>Identification:</b>	<b>Sicol abhesive film BOPP</b>
<b>Use:</b>	abhesive coverage for adhesive surfaces
<b>Company</b>	B. Laufenberg GmbH Krüserstraße 2 D-47839 Krefeld-Hüls Phone No.: +49 (2151) 7499-0 Fax No: +49 (2151) 7499-60 Contact Person: Dr. Roland Wilberger E-Mail: r.wilberger@b-laufenberg.de Emergency Phone No.: +49 (2151) 7499 -449

### 2. Hazards identification

According to EC-directive 67/548/EEC this product is not classified as hazardous.

### 3. Composition / information on ingredients

#### **Chemical characterization**

Films made of polyamide 6, poly( $\epsilon$ -caprolactam) (CAS # 25038-54-4), single or double side coated with polydimethylsiloxane.

#### **Additional information**

No further declaration as no dangerous good or no dangerous preparation within the meaning of 67/548/EEC in the latest draft.

### 4. First Aid Measures

**General information** n.a.

#### **In case of inhalation**

After accidental inhalation of fumes or thermal decomposition products, using self-protection, remove the person from the danger zone and apply artificial respiration if necessary. In case of irritation of the respiratory tract or mucous membranes (e.g. coughing fit), nausea or overexposure please seek medical attention.

#### **In case of skin contact**

After contact with molten polymer, immediately cool with cold water for a prolonged time. Remove affected clothing. Do not peel polymer from skin. Cover burns with sterile dressings. Obtain medical attention.  
Cover cuts with sterile dressing and seek medical advice.

#### **In case of eye contact**

If a foreign body (splinter, chip) enters the eye do not rub. Rinse immediately with plenty of water. Seek medical attention.  
In case of irritation by fumes please flush with plenty of water for at least 15 minutes – in case of bad irritation please contact eye-specialist.

**In case of ingestion** n.a.

**Self-protection of the first-aidler** n.a.



## EU-Safety-data sheet according to (EC) No. 1907/2006 (REACH)

Material: PA film, one or both sides siliconized

Version: 2 Date of print: 14/09/2011

Date of revision: 11/07/2011

### 5. Fire Fighting Measures

#### **General**

Combustible; extinguished reels need to be watched of a longer period due to danger of smoulder burn inside the reels.

#### **Suitable extinguishing media**

Water spray, foam, carbon dioxide, extinguishing powder.

#### **Extinguishing media which must not be used for safety reasons:**

Jet of water

#### **Special exposure hazards arising from the substance or preparation itself:**

This product ignites in a flame and continues to burn on removal of the source. With thermal decomposition toxic and combustible gasses and steam are released. There is a danger of the fire spreading through spontaneous ignition of the gaseous decomposition products. Molten product must therefore be cooled with water. Water used to extinguish the fire and fire remainders must be collected.

#### **Special protective equipment for fire fighters**

Wear self contained breathing apparatus.

### 6. Accidental Release Measures

#### **Personal precautions**

Films can be a slip hazard. Walks shall be free of films and filmic residues.

#### **Environmental precautions**

Before entry of swarf waste to sewage it should be mechanically cleaned of product remainders

#### **Methods and material for containment and cleaning up**

Mechanical

#### **Additional information:**

n.a.

### 7. Handling and Storage

#### **Handling**

Precautions for safe handling

Protective measures

Precautions against fire and explosion

Avoid overheating of material by improper handling

n.a.

combustible, keep away from possible ignition.

#### **Storage**

Technical measures and storage conditions

Packaging materials

Requirements for storage rooms and vessels

n.a.

n.a.

The appropriate company regulations for fire prevention are to be followed.

Hints on storage assembly

Further information on storage conditions

Not to be stored with material that might ignite spontaneous

n.a.



## EU-Safety-data sheet according to (EC) No. 1907/2006 (REACH)

Material: PA film, one or both sides siliconized

Version: 2 Date of print: 14/09/2011

Date of revision: 11/07/2011

### 8. Exposure Controls / Personal Protection

#### **Additional directions regarding the construction of technical plants**

An electrostatic charge because of unwinding, rewinding and running material over rollers has to be discharged with suitable discharging units. In particular this is important to protect employees from electrostatic discharging and to avoid sparks in potential atmospheres.

#### **Exposure limit values**

n.a.

#### **Personal protective equipment**

Respiratory protection:

n.a.

Hand protection:

Danger of cuts, wear suitable safety gloves

Eye protection:

n.a.

Body protection:

n.a.

### 9. Physical and chemical properties

#### **Appearance**

Form

solid

Colour

colourless

Odour

odourless

#### **Safety data**

Flashpoint

>400°C

Boiling point

n.a.

Melting point

220°C

Ignition temperature

(> 450°C)

Density

1.0 – 1.3 g/cm<sup>3</sup>

Solubility in water

n.a.

pH – Value

n.a.

Viscosity

n.a.

### 10. Stability and Reactivity

#### **Conditions to avoid**

Temperatures > 350°C (start of thermal decomposition)

#### **Materials to avoid**

Strong oxidizing media.

#### **Hazardous decomposition products**

In case of a fire with sufficient oxygen, predominantly carbon dioxide and water will be generated. When degradation takes place without or with only little oxygen, flue gases with toxic components may occur (carbon monoxide, soot, monomers, HCN, NH<sub>3</sub>, NO<sub>x</sub>). Inhalation of these decomposition products may be hazardous and should be avoided.

### 11. Toxicological Information

There is no labelling requirement for this product because of the general rating principles for preparations in the latest edition. With proper handling and when used as directed, according to our knowledge and the information available, this product does not cause any noxious effects.



## EU-Safety-data sheet according to (EC) No. 1907/2006 (REACH)

Material: PA film, one or both sides siliconized

Version: 2

Date of print: 14/09/2011

Date of revision: 11/07/2011

### 12. Ecological Information

<b>Ecotoxicity:</b>	As far as known no adverse effects on aquatic organisms
<b>Mobility</b>	No data available
<b>Persistence and degradability</b>	Material is not biodegradable.
<b>Results of PBT assessment</b>	No data available
<b>Other adverse effects</b>	No data available
<b>Additional environmental information</b>	No data available

### 13. Disposal Considerations

<b>Appropriate disposal / Product:</b>	Domestic waste / incinerators which are suitable for material containing silicone
<b>Waste codes / waste designations according to EWC/AVV:</b>	120105
<b>Appropriate packaging:</b>	Domestic waste / incinerators
<b>Additional information:</b>	-

### 14. Transport Information

**Additional information:**  
No dangerous good in terms of transport regulations (GGVS-ADR/GGVE-RID, GGVBinsch ADNR, GGVSSee/IMDG, ICAO-TI/IATA-DGR)

### 15. Regulatory Information

**Labelling (67/548/EEC)**  
According to EC-directive 67/548/EEC this product is not classified as hazardous.  
R - phrases none  
S - phrases none

### 16. Other information

**Product**  
These data only describe the safety demands of the product/-s and are based on the actual state of knowledge. They do not assure any characteristics of the described products in the sense of legal guarantee.

n.a. = not applicable