

security specification sheet  
as per (EC) no. 1907/2006 (REACH)



**Trade name :** Aluminium barrier foil  
**Revised on :** 27.09.2011 **Version :** SDB 001  
**Date of impression :** 22.03.12

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**01. Name of the material or formulation and trade name**

**Name of the material or formulation:** Aluminium barrier foil

**Other identification:** Aluverbundfolie

**REACH – registration number:** None

**Use of material / of formulation:** Water-repellent packaging material

**manufacturer/supplier:** Schabos GmbH

**Street/Post office box :** Widdersdorfer Straße 236-240

**National sign/postcode/place** D-50825 Köln

**Contact for technical information :** Schabos GmbH

**Telephone number/ E-Mail:** +49(0)221-99877-0 / verkauf@schabos.de

**Emergency information:** Schabos GmbH - Tel: +49(0)221-99877-0 ( Mo-Fr 8.00 – 16.30)

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**02. Possible hazards**

**Classification**

Classification as per directive 67/548/EEC or directive 1999/45/EG: None

**Additional hazard note for human and environment:** Without control this product should not release the environment.

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**03. Composition/information on ingredients**

Aluminium foil, polyethylene foil, polyester foil, 2K-LF-Gluten

**Dangerous ingredients**

Name of material: 4,4 methylenediphenyl diisocyanate  
EC-No. : 615-005-00-9 CAS-No. : 101-68-8  
Percentage : 0,6%  
Classification as per directive 67/548/EEC: None

REACH-registration number: pre-registered

Name of material: None  
EC-No. : None

CAS-No. : None

REACH- registration number: None

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Percentage : None  
Classification as per directive 67/548/EEC: None

Name of material: None  
EC-No. : None CAS-No. : None REACH-registration number: None  
Percentage : None  
Classification as per directive 67/548/EEC: None

**Material with prescribed EC limited values**

Name of material: None  
EC-No. : None CAS-No. : None REACH-registration number: None  
Percentage : None  
Classification as per directive 67/548/EEC: None

(The wording of the listed risk statements is given in point 16.)

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**04. First aid measures**

**General information:** When used according to determinations, first aid measures are usually not necessary.

**After inhalation :** None

**After skin contact :** None

**After contact with eyes :** None

**After swallowing :** None

**Information for the doctor :** None

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**05. Fire fighting measures**

**Suitable extinguishing media:** Water, foam, dry powder

**Unsuitable extinguishing:** None

**Special exposure hazards arising from the substance or preparation itself, its products of combustion or resulting gases:** defend reels from heating, molten material can drip off and burn. Like all organic compounds, harmful combustion products can arise. After firing, observation for a long time is necessary; danger of smouldering fire inside of the reel.

**Special productive equipment for fire fighting:** Respiratory protection

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**Additional information:** None

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**06. Accidental release measures**

**Personal precautions:** None

**Environmental precautions:** None

**Procedures for cleaning / adopting :** None

**Additional information:** None

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**07. Handling and storage**

**Information for safe handling :** None

**Information on fire and explosion protection:** defend reels from heating, molten material can drip off and burn. Like all organic compounds, harmful combustion products can arise.

**Additional information:** After firing, observation for a long time is necessary; danger of smouldering fire inside of the reel.

**Information on storage conditions:** Defend reels from heating.

**Requirements for storage facilities and containers:** Keep reels in dry storage.

**Storage class:** None

**Certain use:** None

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**08. Limitation and monitoring of exposure / personal protective equipment**

**Limits for exposure at working places and / or biological limits**

**Workplace limit values (AGW values) Germany**

Name of material:	None	CAS-No. :	None
Specification :			None
Value:			None
Peak limit:			None

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Toxic to reproduction: Not known  
Name of material: None CAS-No. : None  
Specification : None  
Value: None  
Peak limit: None  
Toxic to reproduction: Not known

**Limitation and monitoring of exposure**

**Personal protective equipment**

**Respiratory protection:** No significant health risks known.

**Hand protection:** No significant health risks known.

**Eye protection:** No significant health risks known.

**Body protection:** No significant health risks known.

**Information on hygiene at work:** The normal safety measures must be followed.

**Environmental measures:** No specific measures are necessary.

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**09. Physical and chemical characteristics**

**Appearance**

**Physical state:** Solid  
**Colour :** Silver, one side white  
**Smell :** characteristic

**Safety-related data**

**Explosion danger:** None  
**Lower explosive limit:** None  
**Upper explosive limit:** None  
**Vapour pressure:** None  
**Density:** None  
**Run-down time:** None  
**Water solubility:** None  
**pH-Value** Neutral  
**Boiling point/range:** None  
**Flash point:** 350-400 degrees Celsius

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**Ignition temperature:** >400 degrees  
Celsius

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**10. Stability and Reactivity**

**Conditions to avoid :** None

**Materials to avoid :** None

**Hazardous decomposition products:** None

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**11. Toxicological information**

**Toxicological tests :** None

**Practical experience :** None

**Information on ingredients :** Polyester foil, aluminium foil, polyethylene foil, 2-K gluten

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**12. Environmental information**

**Ecotoxicity**

Fish toxicity: Not known

Aquatic invertebrates: Not known

Aquatic plants: Not known

**Mobility :** Not known

**Persistence and degradability :** Not known

**Bioaccumulation potential :** Not known

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**Result of the determination of the PBT characteristics:** Not known

**Other adverse effects :** Not known

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### 13. Disposal considerations

**Recommendation:** Dispose in compliance with local, regional and national legislations. Landfilling and incineration is possible.

**Waste code according to Waste classification ordinance:** The waste code is established in consultation with the regional waste disposer.

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### 14. Transport information

#### Landtransport ADR/RID

**Classification**

<b>Class :</b>	None	<b>Hazard number :</b>	None
<b>UN number:</b>	None	<b>Classification code :</b>	None

**Packaging**

<b>Packaging group:</b>	None
<b>Hazard label :</b>	is not regulated.

<b>Limited quantity:</b>	None
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#### Maritim transport IMDG/GGVSea

**Classification**

<b>IMDG-Code :</b>	None	<b>EmS:</b>	None
<b>UN number :</b>	None	<b>Marine Pollutant:</b>	None

**Packaging**

<b>Packaging group:</b>	None
<b>Hazard label :</b>	is not regulated.

#### Air transport ICAO-TI and IATA-DGR

**Classification**

<b>Class :</b>	None
<b>UN number :</b>	None

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**Packaging**  
Packaging group : None  
Hazard lable : is not regulated.

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## 15. Legislation

**Safety assessment:** This product does not concern " Dangerous Substances and Preparations " in the sense of Law on Chemical Substances and of Ordinance on Hazardous Substances § 3a.

**Marking according to EU regulation 67/548/EEC or regulation 1999/45/EU:** None

**Code letter/s and hazard designation/s of product:** None

**Hazardous component for labelling:**  
**contains:** The product is not regulated.

**R-phrases:** None

**S-phrases:** None

**EU regulations:** The product is not regulated

**National regulations:** The product is not regulated

**Water hazard class :** None

**Technical Instructions on Air Quality Control (TA-Luft):** None

**Hazardous Incident Reporting Ordinance (12. BImSchV):** None

**Solvents Regulation (31. BImSchV):** None

**Employment restrictions :** None

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## 16. Other information

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**Applicable EU regulations:** Product is not regulated.

**Restrictions on use recommended by the manufacturer:** None

**Reference to R-phrases in sections 2 and 3:** None

**Other information :** None

**Changes made since the last version :** None

**Department issuing data specification sheet :** W.Bosch GmbH + Co KG

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The statements also include information on our suppliers. The statements are given to the best of our knowledge, without claiming completeness. They do not release from personal responsibility for material usage and examination of information and legal requirements.

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