

Safety data sheet
according to 1907/2006/EC, Article 31

Printing date 27.04.2018

Revision: 27.04.2018

**SECTION 1: Identification of the substance/mixture and of the company/
undertaking**

* **1.1 Product identifier**

* **Trade name:** *Flightfloor Eco*

* **Article number:** -

* **1.2 Relevant identified uses of the substance or mixture and uses advised against**

* **Sector of Use**

SU3 Industrial uses: Uses of substances as such or in preparations at industrial sites

* **Product category** *PC32 Polymer preparations and compounds*

* **Process category** *PROC5 Mixing or blending in batch processes*

* **Environmental release category**

ERC6d Use of reactive process regulators in polymerisation processes at industrial site (inclusion or not into/onto article)

* **Article category** *AC13 Plastic articles*

* **Application of the substance / the mixture** *Non Textile Flooring*

* **1.3 Details of the supplier of the safety data sheet**

* **Manufacturer/Supplier:**

Benecke-Hornschuch Surface Group

Beneckeallee 40

30419 Hannover

Fon: +49 (0) 511 6302-0

Fax: +49 (0) 511 6302-206

* **Informing department:** *During the normal working hours: see No. 16 !*

* **1.4 Emergency telephone number:** *plant fire department: +49 (0) 511 6302-112*

SECTION 2: Hazards identification

* **2.1 Classification of the substance or mixture**

* **Classification according to Regulation (EC) No 1272/2008**

The product is not classified according to the CLP regulation.

* **2.2 Label elements**

* **Labelling according to Regulation (EC) No 1272/2008** *Void*

* **Hazard pictograms** *Void*

* **Signal word** *Void*

* **Hazard statements** *Void*

* **2.3 Other hazards**

* **Results of PBT and vPvB assessment**

* **PBT:** *Not applicable.*

* **vPvB:** *Not applicable.*

SECTION 3: Composition/information on ingredients

* **3.2 Chemical characterisation: Mixtures**

* **Description:** *Synthetic floor covering: PES-weave coated both sides with TPU*

* **Dangerous components:** *To manufacture the product their are put in following compounds:*

* **CAS NO. Designation** % **Index / R-phrases (GefStoffV)**

Formulation of components named above.

* **Additional information**

Hazard properties are pasable of the primary products; the final product has no hazard properties according to valuable statues.

Safety data sheet
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Revision: 27.04.2018

Trade name: Flightfloor Eco

(Contd. of page 1)

SECTION 4: First aid measures

*** 4.1 Description of first aid measures**

*** General information**

No special measures required.

At deviation from regular operation (eg.heat effect):

* **After inhalation** Supply fresh air; consult doctor in case of symptoms.

* **After skin contact** The product is not skin irritating.

* **After eye contact** Rinse opened eye for several minutes under running water.

* **After swallowing** In case of persistent symptoms consult doctor.

*** 4.2 Most important symptoms and effects, both acute and delayed**

No further relevant information available.

*** 4.3 Indication of any immediate medical attention and special treatment needed**

No further relevant information available.

SECTION 5: Firefighting measures

*** 5.1 Extinguishing media**

*** Suitable extinguishing agents**

CO₂, extinguishing powder or water jet. Fight larger fires with water jet or alcohol-resistant foam.

* **For safety reasons unsuitable extinguishing agents** Water with a full water jet.

*** 5.2 Special hazards arising from the substance or mixture**

Under certain fire conditions, traces of toxic gases can not be excluded..

*** 5.3 Advice for firefighters**

* **Protective equipment:** Wear self-contained breathing apparatus.

*** Additional information**

Collect contaminated fire fighting water separately. It must not enter drains.

SECTION 6: Accidental release measures

* **6.1 Personal precautions, protective equipment and emergency procedures** Not required.

* **6.2 Environmental precautions:** No special measures required.

* **6.3 Methods and material for containment and cleaning up:** Collect mechanically.

* **6.4 Reference to other sections** No dangerous materials are released.

SECTION 7: Handling and storage

* **7.1 Precautions for safe handling** No special measures required.

* **Information about protection against explosions and fires:** No special measures required.

*** 7.2 Conditions for safe storage, including any incompatibilities**

*** Storage**

* **Requirements to be met by storerooms and containers:** No special requirements.

* **Information about storage in one common storage facility:** Not required.

* **Further information about storage conditions:** None.

* **7.3 Specific end use(s)** No further relevant information available.

SECTION 8: Exposure controls/personal protection

* **Additional information about design of technical systems:** No further data; see item 7.

(Contd. on page 3)

Safety data sheet
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(Contd. of page 2)

*** 8.1 Control parameters**

*** Components with limit values that require monitoring at the workplace:**

The delivered product doesn't show any unusual properties.

*** CAS No. Designation of material % Type Value Unit**

The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.

*** Additional information:** The lists that were valid during the compilation were used as basis.

*** 8.2 Exposure controls**

*** Personal protective equipment**

*** General protective and hygienic measures**

The usual precautionary measures should be adhered to general rules for handling chemicals.

*** Breathing equipment:** Not required.

*** Protection of hands:**

Wear gloves for the protection against mechanical hazards according to EN 388.

*** Material of gloves** Conditioned by processing status

*** Penetration time of glove material**

The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.

*** Eye protection:** Not required.

SECTION 9: Physical and chemical properties

*** 9.1 Information on basic physical and chemical properties**

*** General Information**

*** Appearance:**

Form:	Foil
Colour:	According to product specification
* Odour:	Characteristic

*** Change in condition**

Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	not applicable

* Flash point:	Not applicable
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* Self-inflammability:	Product is not selfigniting.
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* Explosive properties:	Product is not explosive.
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* Density at 20 °C	-
* Surface weight at 20 °C:	1.100 g/m ²

* Solubility in / Miscibility with Water:	Unsoluble
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* Solvent content:	
Organic solvents:	< 1 %

(Contd. on page 4)

Safety data sheet
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Printing date 27.04.2018

Revision: 27.04.2018

Trade name: Flightfloor Eco

(Contd. of page 3)

Solids content:	100 %
*9.2 Other information	No further relevant information available.

SECTION 10: Stability and reactivity

- * **10.1 Reactivity** No further relevant information available.
- * **10.2 Chemical stability**
- * **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- * **10.3 Possibility of hazardous reactions** No dangerous reactions known
- * **10.4 Conditions to avoid** No further relevant information available.
- * **10.5 Incompatible materials:** No further relevant information available.
- * **10.6 Hazardous decomposition products:**
Combustion will produce carbon dioxide, probably carbon monoxide as well as parts of the primary products of their crack-products. This depends on a number of parameter like temperature, continuance of the temperature effect as well as the surrounding conditions.

SECTION 11: Toxicological information

- * **11.1 Information on toxicological effects**
- * **Acute toxicity** Based on available data, the classification criteria are not met.
- * **Primary irritant effect:**
- * **Skin corrosion/irritation** No irritant effect.
- * **Serious eye damage/irritation** No irritant effect.
- * **Respiratory or skin sensitisation** No sensitizing effect known.
- * **Additional toxicological information:**
The product is not subject to classification according to the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version:
When used and handled according to specifications, the product does not have any harmful effects according to our experience and the information provided to us.
- * **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**
- * **Germ cell mutagenicity** Based on available data, the classification criteria are not met.
- * **Carcinogenicity** Based on available data, the classification criteria are not met.
- * **Reproductive toxicity** Based on available data, the classification criteria are not met.
- * **STOT-single exposure** Based on available data, the classification criteria are not met.
- * **STOT-repeated exposure** Based on available data, the classification criteria are not met.
- * **Aspiration hazard** Based on available data, the classification criteria are not met.

SECTION 12: Ecological information

- * **12.1 Toxicity**
- * **Aquatic toxicity:** No further relevant information available.
- * **12.2 Persistence and degradability** No further relevant information available.
- * **12.3 Bioaccumulative potential** No further relevant information available.
- * **12.4 Mobility in soil** No further relevant information available.
- * **Additional ecological information:**
- * **General notes:** Water hazard class: not applicable for foil
- * **12.5 Results of PBT and vPvB assessment**
- * **PBT:** Not applicable.

(Contd. on page 5)

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(Contd. of page 4)

* **vPvB:** Not applicable.

* **12.6 Other adverse effects** No further relevant information available.

SECTION 13: Disposal considerations

* **13.1 Waste treatment methods**

* **Recommendation** Smaller quantities can be disposed with household waste.

* **Waste disposal key number:**

07 02 13: Wastes from the production, preparation, processing and use of synthetic rubber and artificial fibers; Plastic wastes

* **Uncleaned packagings:** not applicable

* **Recommendation:** void

SECTION 14: Transport information

* **14.1 UN-Number**

* **ADR, ADN, IMDG, IATA** Void

* **14.2 UN proper shipping name**

* **ADR, ADN, IMDG, IATA** Void

* **14.3 Transport hazard class(es)**

* **ADR, ADN, IMDG, IATA**

* **Class** Void

* **14.4 Packing group**

* **ADR, IMDG, IATA** Void

* **14.5 Environmental hazards:**

* **Marine pollutant:** No

* **14.6 Special precautions for user** Not applicable.

* **14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.

* **Transport/Additional information:** Not dangerous according to the above specifications.

* **UN "Model Regulation":** Void

SECTION 15: Regulatory information

* **15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**

* **REGULATION (EC) No 1907/2006 ANNEX XVII** Conditions of restriction: 52b

* **National regulations**

* **Technical instructions (air):**

* **Class Share in %** not analysed

* **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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(Contd. on page 6)

Safety data sheet
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(Contd. of page 5)

SECTION 16: Other information

These data are based on our present knowledge. However, they shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.

*** Department issuing data specification sheet:**

Department of environment and working security

Tel.: +49(0)511/6302-0 Fax: +49(0)511/6302-311

*** Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

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