

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 18.09.2008

Revision: 18.09.2008

## 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** DELTA®-TRELA
- **Application of the substance / the preparation** Roof tile underlay
- **Manufacturer/Supplier:**  
Dörken GmbH & Co. KG  
Wetterstr. 58  
D - 58313 Herdecke
- **Further information obtainable from:**  
Product Management  
Mr. Norbert Klingelhage  
+49 (0) 2330 / 63-302  
msds@doerken.de
- **Information in case of emergency:**  
During business time call +49 (0) 2330 / 63-0. Off-time please call your national emergency number.

## 2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:** Not applicable.
- **Classification system:**  
The classification is according to the latest editions of the EU-lists, and extended by company and literature data.
- **GHS label elements**

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Film/nonwoven combination with random fiber mat.
- **Dangerous components:** Void

## 4 First-aid measures

- **After skin contact:** Generally the product does not irritate the skin.
- **After swallowing:** If symptoms persist consult doctor.

## 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.  
Use fire extinguishing methods suitable to surrounding conditions.
- **Special hazards caused by the substance, its products of combustion or resulting gases:**  
During heating or in case of fire poisonous gases are produced.
- **Protective equipment:** Wear self-contained respiratory protective device.

## 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:** Dispose of the material collected according to regulations.

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## 7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

## 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **Respiratory protection:**  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use self-contained respiratory protective device.

## 9 Physical and chemical properties

### · General Information

<b>Form:</b>	Solid
<b>Colour:</b>	Dark grey
<b>Odour:</b>	Odourless

### · Change in condition

**Melting point/Melting range:** Undetermined.

· **Flash point:** > 300°C

· **Danger of explosion:** Product does not present an explosion hazard.

· **Density at 20°C:** approx. 1.0 g/cm<sup>3</sup>

· **Solubility in / Miscibility with water:** Insoluble.

· **Solvent content:**

· **Solids content:** 100 %

## 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:**  
Nitrogen oxides (NO<sub>x</sub>)  
Carbon monoxide and carbon dioxide

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## 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** No irritant effect.
- **on the eye:** No irritating effect.
- **Sensitization:** No sensitizing effects known.
- **Additional toxicological information:**  
*The product is not subject to classification according to the calculation method of the General EU 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 to our experience and the information provided to us.*

## 12 Ecological information

- **General notes:** Generally not hazardous for water

## 13 Disposal considerations

- **Product:**
- **Recommendation** Smaller quantities can be disposed of with household waste.
- **Uncleaned packaging:**
- **Recommendation:** Packaging may be reused or recycled after cleaning.

## 14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **Marine pollutant:** No
- **UN "Model Regulation":** -

## 15 Regulatory information

- **Labelling according to EU guidelines:**  
*The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).*
- **Code letter and hazard designation of product:** none
- **National regulations:**
- **Waterhazard class:** Generally not hazardous for water.

## 16 Other information

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Department issuing MSDS:** Safety department
- **Contact:** see point 1 emergency call
- **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)*  
*RID: Règlement internationale concernant le transport des marchandises dangereuses par chemin de fer (Regulations Concerning the International Transport of Dangerous Goods by Rail)*

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IMDG: International Maritime Code for Dangerous Goods  
GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

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