

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 18.09.2008

Revision: 26.08.2008

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

- **Product details**
- **Trade name:** DELTA®-MAXX TITAN
- **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:**  
The product does not have to be labelled due to the calculation procedure of the "General Classification guideline for preparations of the EU" in the latest valid version.
- **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:** Polymer-Folie
- **Dangerous components:** Void
- **Additional information:** For the wording of the listed risk phrases refer to section 16.

## 4 First-aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:** If symptoms persist consult doctor.

## 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
Water spray  
Foam  
Fire-extinguishing powder  
Carbon dioxide
- **Protective equipment:** Mount respiratory protective device.

## 6 Accidental release measures

- **Person-related safety precautions:** Not required.

(Contd. on page 2)

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(Contd. of page 1)

- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:** Pick up mechanically.
- **Additional information:** No dangerous substances are released.

## 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:**  
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 valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Not required.
- **Protection of hands:**  
Not required.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer. As the product is a preparation of several substances, the resistance of the glove material can not be calculated in advance and has therefore to be checked prior to the application.
- **Eye protection:** Not required.

## 9 Physical and chemical properties

### · General Information

<b>Form:</b>	Foil
<b>Colour:</b>	Silver-coloured
<b>Odour:</b>	Odourless

### · Change in condition

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

· **Flash point:** Not applicable.

· **Ignition temperature:**

· **Decomposition temperature:** > 230°C

· **Self-igniting:** Product is not selfigniting.

(Contd. on page 3)

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(Contd. of page 2)

· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Density at 20°C:</b>	1 g/cm <sup>3</sup>
· <b>Solubility in / Miscibility with water:</b>	Insoluble.
· <b>Solvent content:</b>	
<b>Organic solvents:</b>	0.0 %
· <b>Solids content:</b>	100.0 %

### 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:** Possible in traces.
- **Additional information:**  
As long as the prescribed application concentrations are maintained there is no danger that stable emulsions will form.

### 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.

#### · **European waste catalogue**

04 02 09	wastes from composite materials (impregnated textile, elastomer, plastomer)
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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

### 14 Transport information

- **Maritime transport IMDG:**
- **Marine pollutant:** No

(Contd. on page 4)

GB

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· UN "Model Regulation": -

(Contd. of page 3)

**15 Regulatory information**· **Labelling according to EU guidelines:**

Observe the general safety regulations when handling chemicals.

The product is not subject to identification regulations under EU Directives and the Ordinance on Hazardous Materials (German GefStoffV).

· **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:** R&D department L10

· **Contact:** see point 1 emergency call

· **Abbreviations and acronyms:**

IMDG: International Maritime Code for Dangerous Goods

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

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