

Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 29.09.2008

Revision: 29.09.2008

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

- **Product details**
- **Trade name:** *DELTA®-MAXX / DELTA®-MAXX Plus*
- **Application of the substance / the preparation** *roofing membrane*
- **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:** *PES nonwoven with PU coating*
- **Dangerous components:** *Void*

4 First-aid measures

- **After inhalation:** *Not applicable.*
- **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:**
Water spray
Foam
Fire-extinguishing powder
Carbon dioxide
- **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:** *Mount respiratory protective device.*

6 Accidental release measures

- **Person-related safety precautions:** *Not required.*
- **Measures for environmental protection:** *No special measures required.*

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- **Measures for cleaning/collecting:** Pick up mechanically.

7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **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:**
- **Respiratory protection:** Not required.
- **Protection of hands:** Not required.

9 Physical and chemical properties

· General Information

Form:	Solid
Colour:	DELTA®-MAXX: gray/dark grey; DELTA®-MAXX Plus: grey/red
Odour:	Odourless

· Change in condition

Melting point/Melting range:	150-250°C
Boiling point/Boiling range:	Undetermined.

· **Flash point:** Not applicable.

· **Ignition temperature:** approx. 340°C

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

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

· **Density at 20°C:** 1.3 g/cm³

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

· Solvent content:

Organic solvents: 0.0 %

· **Solids content:** 100.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

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- **Dangerous reactions** No dangerous reactions known.
- **Dangerous decomposition products:**
Poisonous gases as carbon monoxid and carbon dioxid can result, when the temperature is heated above 300°C.
- **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**

17 02 03	plastic
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- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

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).
- **National regulations:**
- **Waterhazard class:** Generally not hazardous for water.

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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:** Entwicklungslabor L 10

· **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)

IMDG: International Maritime Code for Dangerous Goods

GefStoffV: Gefahrstoffverordnung (Ordinance on Hazardous Substances, Germany)

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