

product data safety sheet

Printing date 29.07.2011

Version number 2

Revision: 29.07.2011

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

- **Product identifier**
 - **Trade name:** *DELTA®- FASSADE S*
 - **Relevant identified uses of the substance or mixture and uses advised against**
 - **Application of the substance / the preparation** *high permeable and UV stabilized water-resistive barrier*
- **Details of the supplier of the safety data sheet**
 - **Manufacturer/Supplier:**
*Dörken GmbH & Co. KG
Wetterstr. 58
D - 58313 Herdecke*
 - **Further information obtainable from:**
*Product management
Mr. Nobert Klingelhage
Tel. +49 (0) 2330 / 63-302
msds@doerken.de*
 - **Emergency telephone number:**
During business time call +49 (0) 2330 / 63-0. Off-time please call your national emergency number.

2 Hazards identification

- **Classification of the substance or mixture**
 - **Classification according to Regulation (EC) No 1272/2008**
The product is not classified according to the CLP regulation.
- **Classification according to Directive 67/548/EEC or Directive 1999/45/EC Void**
 - **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.
- **Label elements**
 - **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).
The product is not subject to classification according to the calculation methods of the "General Classification Guideline for Preparations of the EU" as issued in the latest valid version.*
 - **Other hazards**
 - **Results of PBT and vPvB assessment**
 - **PBT:** *Not applicable.*
 - **vPvB:** *Not applicable.*

3 Composition/information on ingredients

- **Chemical characterization: Mixtures**
 - **Description:** *TPES-non-woven with latex coating*
- **Dangerous components:** *Void*
- **Additional information:** *For the wording of the listed risk phrases refer to section 16.*

4 First aid measures

- **Description of first aid measures**
 - **After inhalation:** *not applicable (solid)*
 - **After skin contact:** *Generally the product does not irritate the skin.*
 - **After eye contact:**
Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor.

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- **After swallowing:** *If symptoms persist consult doctor.*
- **Information for doctor:**
 - **Most important symptoms and effects, both acute and delayed** *No further relevant information available.*
 - **Indication of any immediate medical attention and special treatment needed** *No further relevant information available.*

5 Firefighting measures

- **Extinguishing media**
 - **Suitable extinguishing agents:** *CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.*
- **Special hazards arising from the substance or mixture** *During heating or in case of fire poisonous gases are produced.*
- **Advice for firefighters**
 - **Protective equipment:** *In case of surrounding fire: Wear self-contained breathing apparatus.*

6 Accidental release measures

- **Personal precautions, protective equipment and emergency procedures** *Not required.*
- **Environmental precautions:** *Do not allow product to reach sewage system or any water course.*
- **Methods and material for containment and cleaning up:** *Pick up mechanically.*
- **Reference to other sections** *No dangerous substances are released.*

7 Handling and storage

- **Handling:**
 - **Precautions for safe handling** *No special measures required.*
 - **Information about fire - and explosion protection:** *No special measures required.*
- **Conditions for safe storage, including any incompatibilities**
 - **Storage:**
 - **Requirements to be met by storerooms and receptacles:** *No special requirements.*
 - **Information about storage in one common storage facility:** *Store away from foodstuffs.*
 - **Further information about storage conditions:** *Protect from heat and direct sunlight.*
- **Specific end use(s)** *No further relevant information available.*

8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** *No further data; see item 7.*
- **Control parameters**
 - **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.*
- **Exposure controls**
 - **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.*
 - **Eye protection:** *Not required.*

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9 Physical and chemical properties· **Information on basic physical and chemical properties**· **General Information**· **Appearance:**

- **Form:** Foil
- **Colour:** Black
- **Odour:** Odourless

· **Change in condition**

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

· **Flash point:** > 350°C· **Ignition temperature:** 450°C· **Self-igniting:** Product is not selfigniting.· **Danger of explosion:** Product does not present an explosion hazard.· **Density:** Not determined.· **Solubility in / Miscibility with**· **water:** Insoluble.· **Solvent content:**· **Organic solvents:** 0.0 %· **Solids content:** 100.0 %· **Other information** No further relevant information available.**10 Stability and reactivity**· **Reactivity**· **Chemical stability** The product is chemical stable.· **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.· **Possibility of hazardous reactions** No dangerous reactions known.· **Conditions to avoid** No further relevant information available.· **Incompatible materials:** No further relevant information available.· **Hazardous decomposition products:** No dangerous decomposition products known.**11 Toxicological information**· **Information on toxicological effects**· **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· **Toxicity**· **Acquatic toxicity:** No further relevant information available.· **Persistence and degradability** No further relevant information available.

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- **Behaviour in environmental systems:**
 - **Bioaccumulative potential** No further relevant information available.
 - **Mobility in soil** No further relevant information available.
- **Additional ecological information:**
 - **General notes:**
 - Due to the consistence and the low watersolubility of the product a bioavailability is not probable.
 - Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **Results of PBT and vPvB assessment**
 - **PBT:** Not applicable.
 - **vPvB:** Not applicable.
- **Other adverse effects** No further relevant information available.

13 Disposal considerations

- **Waste treatment methods**
 - **Recommendation**
 - Dispose in accordance with official regulations.
 - Smaller quantities can be disposed of with household waste.
- | | |
|-----------------------------------|---------------|
| · European waste catalogue | |
| 07 02 13 | waste plastic |
- **Uncleaned packaging:**
 - **Recommendation:** Disposal must be made according to official regulations.

14 Transport information

- | | |
|--|-----------------|
| · UN-Number | |
| · ADR, ADN, IMDG, IATA | Void |
| · UN proper shipping name | |
| · ADR, ADN, IMDG, IATA | Void |
| · Transport hazard class(es) | |
| · ADR, ADN, IMDG, IATA | |
| · Class | Void |
| · Packing group | |
| · ADR, IMDG, IATA | Void |
| · Environmental hazards: | |
| · Marine pollutant: | No |
| · Special precautions for user | Not applicable. |
| · Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code | Not applicable. |
| · UN "Model Regulation": | - |

15 Regulatory information

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

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.

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· **Department issuing MSDS:** R&D Department L10

· **Contact:**

Dr. Yvonne Schmitjes

+49 (0) 2330 / 63-831

· **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 international 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

IATA: International Air Transport Association

ICAO: International Civil Aviation Organization

GHS: Globally Harmonized System of Classification and Labelling of Chemicals

· *** Data compared to the previous version altered.**

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