

Material Safety Data Sheet

According to 91/155 EEC

Printing date 26.01.2005

Reviewed on 26.01.2005

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

- **Product details**
- **Trade name:** DELTA-VENT
- **Application of the substance / the preparation** roofing membrane
- **Manufacturer/Supplier:**
Dörken GmbH & Co. KG
Wetterstr. 58
D - 58313 Herdecke
germany
- **Further information obtainable from:** Safety department
- **Information in case of emergency:** +49 (0) 2330 - 630

2 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of substances listed below with nonhazardous additions.
- **Dangerous components:** Void

3 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.

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:**
Use fire extinguishing methods suitable to surrounding conditions.
Foam
Fire-extinguishing powder
Water spray
Carbon dioxide
- **Special hazards caused by the substance, its products of combustion or resulting gases:**
In case of fire, the following can be released:
Nitrogen oxides (NO_x)
Carbon monoxide (CO)
- **Protective equipment:** Mount 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:** Pick up mechanically.

GB

(Contd. on page 2)

Material Safety Data Sheet

According to 91/155 EEC

Printing date 26.01.2005

Reviewed on 26.01.2005

Trade name: DELTA-VENT

(Contd. of page 1)

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:	Different according to colouring
Odour:	Odourless

· Change in condition

Melting point/Melting range:	165°C
Boiling point/Boiling range:	Undetermined.

· **Flash point:** 321°C

· **Ignition temperature:** 350°C

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

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

· **Density at 20°C:** 0.910 g/cm³

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

· Solvent content:

Organic solvents: 0.0 %

· **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:**
Carbon monoxide and carbon dioxide

(Contd. on page 3)

Material Safety Data Sheet

According to 91/155 EEC

Printing date 26.01.2005

Reviewed on 26.01.2005

Trade name: DELTA-VENT

Nitrogen oxides (NOx)

(Contd. of page 2)

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**

12 01 05	plastics shavings and turnings
----------	--------------------------------

- **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

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.

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:** Abteilung Umweltschutz
- **Contact:** see point 1 emergency call