

**KERAFOL Keramische Folien GmbH**

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

**Product:** Softtherm® 86/200, 86/210lb, 86/255, 86/250, 86/300, 86/320, 86/500, 86/600, 86/202 und 86/212  
**Registration number:** not applicable  
**Use:** Heat leading silicone foil  
**Identified use:** none  
**Method of operation:** See product information.  
**Company:** KERAFOL Keramische Folien GmbH  
Stegenthumbach 4-6  
92676 Eschenbach / GERMANY  
**Phone:** +49 (0) 9645 88-300  
**Fax:** +49 (0) 9645 88-390  
**Homepage:** www.kerafol.com  
**E-mail:** info@kerafol.com  
**Emergency phone:** +49 (0) 89-19240 (24h)  
**Responsible:** Simonavicius@chemiebuero.de

**2 Hazards identification**

**Physico-chemical hazards:** See chapter 10.  
**Human health dangers:** No particular hazards known.  
**Environmental hazards:** The product/the substance has the Water Hazard Class 1.  
**Other hazards:** none  
**Hazard symbols:** not applicable  
**R-phrases:** none

**3 Composition / Information on ingredients**

**Comment on component parts:** No dangerous components.

**4 First aid measures**

**General information:** not applicable  
**Inhalation:** not applicable  
**Skin contact:** Consult a doctor if skin irritation persists.  
**Eye contact:** In case of contact with eyes rinse thoroughly with water.  
In the event of symptoms seek for medical treatment.  
**Ingestion:** not applicable  
**Advice to doctor:** Treat symptomatically.

**5 Fire-fighting measures**

**Suitable extinguishing media:** Dry powder.  
Water spray jet.  
Foam.  
Carbon dioxide.  
**Extinguishing media that must not be used:** Full water jet.  
**Special exposure hazards arising from the substance or preparation itself or combustion products:** Unknown risk of formation of toxic pyrolysis products.  
**Special protective equipment for firefighters:** Use self-contained breathing apparatus.  
**Additional information:** Fire residues and contaminated firefighting water must be disposed of in accordance within the local regulations.

**6 Accidental release measures**

**Personal precautions:** none  
**Environmental precautions:** not applicable  
**Methods for cleaning up:** Take up mechanically.  
Dispose of absorbed material in accordance within the regulations.

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**7 Handling and storage**

- Advice on safe handling:** No special measures necessary.
- Advice on protection against fire and explosion:**  
No special measures necessary.
- Requirements for storage rooms and vessels:**  
Keep only in original container.
- Advice on storage compatibility:** No special measures necessary.
- Further information on storage conditions:**  
Store in a dry place.  
Protect from sun.

**8 Exposure controls / personal protection**

- Additional advice on system design:**  
Ensure adequate ventilation on workstation.
- Ingredients with occupational exposure limits to be monitored:**  
not applicable
- Respiratory protection:** not applicable
- Hand protection:** Butyl rubber, >120 min (EN 374).
- Eye protection:** Safety glasses.
- Skin protection:** not applicable
- General protective measures:** none
- Hygiene measures:** Wash hands before breaks and after work.  
Use barrier skin cream.
- Delimitation and monitoring of the environmental exposition:**  
not determined

**9 Physical and chemical properties**

- Form:** solid
- Color:** various
- Odor:** characteristic
- pH-value:** not applicable
- pH-value [1%]:** not applicable
- Boiling point [°C]:** not applicable
- Flash point [°C]:** > 300
- Flammability [°C]:** not applicable
- Lower explosion limit:** not applicable
- Upper explosion limit:** not applicable
- Oxidizing properties:** no
- Vapour pressure [kPa]:** not applicable
- Density [g/ml]:** 1,5 - 3,5
- Density at [°C]:** 20
- Bulk density [kg/m³]:** not applicable
- Solubility in water:** insoluble
- Partition coefficient [n-octanol/water]:**  
not applicable
- Viscosity:** not applicable
- Relative vapour density determined in air:**  
not applicable
- Evaporation speed:** not applicable
- Melting point [°C]:** > 300
- Autoignition temperature [°C]:** not determined
- Decomposition temperature:** not determined

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**10 Stability and reactivity**

**Hazardous reactions:** If product is heated above decomposition temperature toxic vapours may be released.  
**Hazardous decomposition products:**  
Possible in traces:  
Formaldehyde.

**11 Toxicological information**

**Acute oral toxicity:** not determined  
**Acute dermal toxicity:** not determined  
**Acute inhalational toxicity:** not determined  
**Irritant effect on eye:** not determined  
**Irritant effect on skin:** not determined  
**Sensitization:** not determined  
**Subacute toxicity:** not determined  
**Chronic toxicity:** not determined  
**Mutagenicity:** not determined  
**Reproduction toxicity:** not determined  
**Carcinogenicity:** not determined  
**Experiences made in practice:** none  
**General remarks:** No classification on the basis of the calculation procedure of the preparation directive.

**12 Ecological information**

**Fish toxicity:** not determined  
**Daphnia toxicity:** not determined  
**Behaviour in environment compartments:**  
not determined  
**Behaviour in sewage plant:** not determined  
**Bacteria toxicity:** not determined  
**Biological degradability:** not determined  
**COD:** not determined  
**BOD 5:** not determined  
**AOX-advice:** No dangerous components.  
**2006/11/EC:** not applicable  
**General information:** No classification on the basis of the calculation procedure of the preparation directive.

**13 Disposal considerations**

**Product:** In according to RoHS!  
Disposal in an incineration plant in accordance with the regulations of the local authorities.  
**Contaminated packaging:** Uncontaminated packaging may be taken for recycling.  
**Waste no. (recommended):** 070217

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**14 Transport information**

**Classification according to ADR:** NO DANGEROUS GOODS

- **Classification Code:**

- **Label:**

- **ADR LQ**

- **ADR 1.1.3.6 (8.6):** Transport category (tunnel restriction code): -

**Classification according to IMDG:** NOT CLASSIFIED AS "DANGEROUS GOODS"

- **EMS:**

- **Label:**

- **IMDG Limited Quantities:**

**Classification according to IATA:** NOT CLASSIFIED AS "DANGEROUS GOODS"

- **Label:**

**15 Regulatory information**

**Exposure scenario:** not determinated

**Chemical safety report:** not determinated

**Labelling:** The product does not require a hazard warning label in accordance with EC-directives.

**Hazard symbols:**

not applicable

**R-phrases:**

none

**S-phrases:**

none

**Special labelling:**

Safety data sheet available for professional user on request.

**Authorisation, TITEL VII:**

not applicable

**Restrictions, TITEL VIII:**

not applicable

**EEC-REGULATIONS:**

1967/548 (2008/58, 30. ATP/ 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006.

**TRANSPORT-REGULATIONS:**

DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2009).

**NATIONAL REGULATIONS**

EH40/2005 Workplace exposure limits with amendments October 2007.

**16 Other informations**

**Observe employment restrictions for people:**

no

**VOC (1999/13/CE):**

0%

**Customs Tariff:**

not determinated

Disclaimer: 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.