

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
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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.