

**KERAFOL Keramische Folien GmbH**  
92676 Eschenbach

Date printed 12.07.2011, Revision 12.07.2011

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

### 1.1 Product identifier

**Softfolie 86/525**

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

#### 1.2.1 Relevant uses

Heat leading silicone foil

#### 1.2.2 Uses advised against

None known.

### 1.3 Details of the supplier of the safety data sheet

**Company** KERA FOL 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

#### Address enquiries to

**Technical information** info@kerafol.com

**Safety Data Sheet** sdb@chemiebuero.de

### 1.4 Emergency phone

+49 (0) 89-19240 (24h) (english)

## 2 Hazards identification

### 2.1 Classification of the substance or mixture

#### 2.1.1 Classification according to Regulation (EC) No 1272/2008 [CLP]

not determined

#### 2.1.2 Classification according to Regulation 67/548/EEC or 1999/45/EC

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

### 2.2 Label elements

**Hazard symbols** none

**R-phrases** none

**S-phrases** none

**Special labelling** none

### 2.3 Other hazards

**Physico-chemical hazards** See chapter 10.

**Human health dangers** No particular hazards known.

**Environmental hazards** Does not contain any PBT or vPvB substances.

**Other hazards** none

## 3 Composition / Information on ingredients

### 3.1 Substances

The product in question is a mixture.

### 3.2 Mixtures

**Comment on component parts** No dangerous components.  
Substances of Very High Concern - SVHC: substances are not contained or are below 0,1%.

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#### 4 First aid measures

##### 4.1 Description of first aid measures

General information	not applicable
Inhalation	Ensure supply of fresh air. In the event of symptoms seek for medical treatment.
Skin contact	When in contact with the skin, clean with soap and water. Consult a doctor if skin irritation persists.
Eye contact	In case of contact with eyes rinse thoroughly with water.
Ingestion	In the event of symptoms seek for medical treatment. Seek medical advice immediately.

##### 4.2 Most important symptoms and effects, both acute and delayed

None known.

##### 4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

#### 5 Fire-fighting measures

##### 5.1 Extinguishing media

Suitable extinguishing media Carbon dioxide.  
Water spray jet.  
Dry powder.  
Foam.

Extinguishing media that must not be used Full water jet.

##### 5.2 Special hazards arising from the substance or mixture

Unknown risk of formation of toxic pyrolysis products.

##### 5.3 Advice for firefighters

Use self-contained breathing apparatus.  
Fire residues and contaminated firefighting water must be disposed of in accordance with the local regulations.

#### 6 Accidental release measures

##### 6.1 Personal precautions, protective equipment and emergency procedures

No special measures necessary.

##### 6.2 Environmental precautions

Do not discharge into the drains/surface waters/groundwater.

##### 6.3 Methods and material for containment and cleaning up

Take up mechanically.  
Dispose of absorbed material in accordance with the regulations.

##### 6.4 Reference to other sections

See Chapter 8+13

#### 7 Handling and storage

##### 7.1 Precautions for safe handling

No special measures necessary.

##### 7.2 Conditions for safe storage, including any incompatibilities

Keep only in original container.  
No special measures necessary.  
Store in a dry place.  
Protect from sun.

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### 7.3 Specific end use(s)

See product use, Chapter 1.2

## 8 Exposure controls / personal protection

### 8.1 Control parameters

Ingredients with occupational exposure limits to be monitored (GB) not applicable

### 8.2 Exposure controls

Additional advice on system design Ensure adequate ventilation on workstation.

Eye protection Safety glasses.

Hand protection Butyl rubber, >120 min (EN 374).  
The details concerned are recommendations. Please contact the glove supplier for further information.

Skin protection not applicable

Other none

Wash hands before breaks and after work.  
Use barrier skin cream.

Respiratory protection not applicable

Thermal hazards not applicable

Delimitation and monitoring of the environmental exposition See Chapter 6+7.

## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

Form solid  
Color various  
Odor characteristic  
Odour threshold not applicable  
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  
Bulk density [kg/m<sup>3</sup>] 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

### 9.2 Other information

none

## 10 Stability and reactivity

### 10.1 Reactivity

No dangerous reactions known if used as directed.

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## 10.2 Chemical stability

The product is stable under standard conditions.

## 10.3 Possibility of hazardous reactions

If product is heated above decomposition temperature toxic vapours may be released.

## 10.4 Conditions to avoid

See chapter 7

## 10.5 Incompatible materials

not determined

## 10.6 Hazardous decomposition products

No hazardous decomposition products known.

# 11 Toxicological information

## 11.1 Information on toxicological effects

### Acute toxicity

Serious eye damage/irritation not determined

Skin corrosion/irritation not determined

Respiratory or skin sensitisation not determined

Specific target organ toxicity —  
single exposure not determined

Specific target organ toxicity —  
repeated exposure not determined

Mutagenicity not determined

Reproduction toxicity not determined

Carcinogenicity not determined

### General remarks

No classification on the basis of the calculation procedure of the preparation directive.

# 12 Ecological information

## 12.1 Toxicity

## 12.2 Persistence and degradability

Behaviour in environment  
compartments not determined

Behaviour in sewage plant not determined

Biological degradability not determined

## 12.3 Bioaccumulative potential

not determined

## 12.4 Mobility in soil

not determined

## 12.5 Results of PBT and vPvB assessment

not applicable

## 12.6 Other adverse effects

None known.

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### 13 Disposal considerations

#### 13.1 Waste treatment methods

Coordinate the waste disposal with the national authorities.

##### Product

In according to RoHS!  
Disposal in an incineration plant in accordance with the regulations of the local authorities.

##### Waste no. (recommended)

070217

##### Contaminated packaging

Uncontaminated packaging may be taken for recycling.

##### Waste no. (recommended)

150102

### 14 Transport information

#### 14.1 UN number

See point 14.2 in accordance with UN shipping name

#### 14.2 UN proper shipping name

##### Classification according to ADR

NO DANGEROUS GOODS

##### Classification according to IMDG

NOT CLASSIFIED AS "DANGEROUS GOODS"

##### Classification according to IATA

NOT CLASSIFIED AS "DANGEROUS GOODS"

#### 14.3 Transport hazard class(es)

See point 14.2 in accordance with UN shipping name

#### 14.4 Packing group

See point 14.2 in accordance with UN shipping name

#### 14.5 Environmental hazards

See point 14.2 in accordance with UN shipping name

#### 14.6 Special precautions for user

Relevant information under points 6 to 8.

#### 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

not applicable

### 15 Regulatory information

#### 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

##### EEC-REGULATIONS

1967/548 (1999/45); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EEC (2008/47/EC); 453/2010/EC

##### TRANSPORT-REGULATIONS

DOT-Classification, ADR (2011); IMDG-Code (2011, 35. Amdt.); IATA-DGR (2011).

##### NATIONAL REGULATIONS (GB):

EH40/2005 Workplace exposure limits with amendments October 2007.  
CHIP 3/ CHIP 4

#### 15.2 Chemical safety assessment

not applicable

### 16 Other informations

Observe employment restrictions for people no

VOC (1999/13/CE) 0 %

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.

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