

KERAFOL Keramische Folien GmbH
92676 Eschenbach

Date printed 12.07.2011, Revision 12.07.2011

Page 1 / 5

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 KERAFOF 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
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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%.

KERAFOL Keramische Folien GmbH
92676 Eschenbach

Date printed 12.07.2011, Revision 12.07.2011

Page 2 / 5

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.

KERAFOL Keramische Folien GmbH
92676 Eschenbach

Date printed 12.07.2011, Revision 12.07.2011

Page 3 / 5

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/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

9.2 Other information

none

10 Stability and reactivity

10.1 Reactivity

No dangerous reactions known if used as directed.

KERAFOL Keramische Folien GmbH
92676 Eschenbach

Date printed 12.07.2011, Revision 12.07.2011

Page 4 / 5

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.

KERAFOL Keramische Folien GmbH
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Date printed 12.07.2011, Revision 12.07.2011

Page 5 / 5

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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