

KERAFOL Keramische Folien GmbH

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1 Identification of the substance / preparation and of the company**Product:** Keraflex® Porzellanfolie**Registration number:** not applicable**Use:** See product designation**Identified use:** none**Method of operation:** See product information.**Company:** KERAFOL Keramische Folien GmbH

Stegenthumbach 4-6

92676 Eschenbach

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:** No particular hazards known.**Human health dangers:** No particular hazards known.**Environmental hazards:** No particular hazards known.**Other hazards:** none**Hazard symbols:****R-phrases:** none**3 Composition / Information on ingredients**

Silicon dioxide, quartz 1 - < 20%

CAS: 14808-60-7, EINECS/ELINCS: 238-878-4, EU-INDEX: , ECBnr:

Comment on component parts: not applicable**4 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.**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:** Water spray jet. Foam. Carbon dioxide. Dry powder.**Extinguishing media that must not be used:** Full water jet.**Special exposure hazards arising from the substance or preparation itself or combustion products:** 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:** Do not discharge into the drains/surface waters/groundwater.**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: During thermal processing and/or machining vacuuming at processing machines is 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: none

Further information on storage conditions: Keep container in a well-ventilated place. Store in a dry place.

8 Exposure controls / personal protection

Additional advice on system design: Ensure adequate ventilation on workstation.

Ingredients with occupational exposure limits to be monitored: (GB)

Silicon dioxide, quartz	1 - < 20%
0,3mg/m ³ , General remarks: respirable crystalline, 14/3,37,38,51/2,76	

* LTEL: Long-term exposure limit

Respiratory protection: Breathing apparatus in the event of high concentrations. Short term: filter apparatus, filter A.

Hand protection: Butyl rubber, >120 min (EN 374).

Eye protection: Safety glasses.

Skin protection: not applicable

General protective measures: Avoid contact with eyes and skin. Do not inhale vapours.

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: beige

Odor: characteristic

pH-value: not applicable

pH-value [1%]: not applicable

Boiling point [°C]: not applicable

Flash point [°C]: not applicable

Flammability [°C]: not applicable

Lower explosion limit: not applicable

Upper explosion limit: not applicable

Combustible properties: no

Vapour pressure [kPa]: not determined

Density [g/ml]: not determined

Bulk density [kg/m³]: not applicable

Solubility in water: partially soluble

Partition coefficient [n-octanol/water]: not determined

Viscosity: not applicable

Relative vapour density determined in air: not determined

Evaporation speed: not determined

Melting point [°C]: not determined

Autoignition temperature [°C]: not applicable

Decomposition temperature [°C]: not determined

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10 Stability and reactivity

Hazardous reactions: Reactions with strong oxidizing agents. Reactions with strong acids.
Hazardous decomposition products: No hazardous decomposition products known.

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: Ecological data are not available.

13 Disposal considerations

Disposal / Product: For recycling, consult manufacturer.
Disposal / Contaminated packaging: Uncontaminated packaging may be taken for recycling.
Waste no. (recommended): 101201

14 Transport information

Classification according to ADR: no dangerous goods
 - Classification Code:
 - ADR Limited Quantities:
 - Label:

Classification according to IMDG: not classified as "Dangerous Goods" - -
 - IMDG Limited Quantities:
 - Label:

Classification according to IATA: not classified as "Dangerous Goods"
 - Label:

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15 Regulatory information

Exposure scenario: not applicable
Chemical safety report: not applicable
Labelling: The product does not require a hazard warning label in accordance with EC-directives.
Hazard symbols:

R-phrases: none
S-phrases: none
Special labelling for certain preparations: none
Authorisation, TITEL VII: not applicable
Restrictions, TITEL VIII: not applicable
EEC-REGULATIONS: 1967/548 (2004/73, 29. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006.
TRANSPORT-REGULATIONS: ADR (2007); IMDG-Code (33. Amdt.); IATA-DGR (2007).
NATIONAL REGULATIONS (GB): EH40/2002 Occupational Exposure Limits Supplement 2003.

16 Other informations

Observe employment restrictions for people: no
VOC (1999/13/CE): not applicable
Customs Tariff: not determinated
2004/42/CE: not applicable

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.