

ÖKO-TEC Umweltschutzsysteme GmbH
63579 Freigericht-Horbach

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1 Identification of the substance / preparation and of the company

UNI-SAFE

Use: Oil and chemical binder
Identified use: none
Method of operation: See product information.
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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: none
R-phrases: none

3 Composition / Information on ingredients

Range [%]	Substance
> 10	Kieselguhr, soda ash flux-calcined CAS: 68855-54-9, EINECS/ELINCS: 272-489-0 EU-INDEX: ECB-Nr.: GHS/CLP: - EEC: Xn, R48/20
20 -< 40	crystalite CAS: 14464-46-1, EINECS/ELINCS: 238-455-4 EU-INDEX: ECB-Nr.: GHS/CLP: - EEC: Xn, R48/20
1 -< 10	Polyethyleneglycol CAS: 25322-68-3, EINECS/ELINCS: Polymer EU-INDEX: ECB-Nr.: GHS/CLP: - EEC: , R
1 -< 10	Quartz (< 10µm) CAS: 14808-60-7, EINECS/ELINCS: 238-878-4 EU-INDEX: ECB-Nr.: GHS/CLP: STOT RE 1, H372b EEC: Xn, R48/20

Comment on component parts: The product contains no substance which is named in the list SVHC (Candidate List of Substances of Very High Concern for authorization).
For the wording of the listed risk phrases refer to section 16.

4 First aid measures

General information: none
Inhalation: Ensure supply of fresh air.
 In the event of symptoms seek for medical treatment.
Skin contact: In case of contact with skin wash off with warm water.
 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.

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5 Fire-fighting measures

- Suitable extinguishing media:** Product itself is non-combustible. Fire extinguishing method of surrounding areas must be considered.
- 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 with the local regulations.

6 Accidental release measures

- Personal precautions:** Avoid dust formation.
- Environmental precautions:** Do not discharge into the drains/surface waters/groundwater.
- Methods for cleaning up:** Take up mechanically.
Avoid raising dust.
Dispose of absorbed material in accordance with the regulations.

7 Handling and storage

- Advice on safe handling:** Avoid the formation and deposition of dust.
- Advice on protection against fire and explosion:** The product is not combustible.
- Requirements for storage rooms and vessels:** Keep only in original container.
- Advice on storage compatibility:** not applicable
- Further information on storage conditions:** Store in a dry place.
The product is hygroscopic.

8 Exposure controls / personal protection

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

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

Range [%]	Substance / WEL: Workplace exposure limit
1 -< 10	Quartz (< 10µm) / - ppm, 0,1 mg/m ³ , respirable, crystalline
1 -< 10	Polyethyleneglycol / - ppm, 1000 mg/m ³ , Germany
20 -< 40	crystalite / - ppm, 0,08 mg/m ³ , fused respirable dust

- Respiratory protection:** not applicable
- Hand protection:** butyl rubber, > 120 min (EN 374)
The details concerned are recommendations. Please contact the glove supplier for further information.
- Eye protection:** Safety glasses.
- Skin protection:** not applicable
- General protective measures:** Avoid contact with eyes and skin.
Do not inhale dust.
- Hygiene measures:** Wash hands before breaks and after work.
Use barrier skin cream.
- Delimitation and monitoring of the environmental exposition:** not determined

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9 Physical and chemical properties

Form:	powder
	> 10 µm
Color:	light green
Odor:	odourless
pH-value:	8 (aqueous suspension)
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
Oxidizing properties:	no
Vapour pressure [kPa]:	not applicable
Density [g/ml]:	not determined
Bulk density [kg/m³]:	> 400
Solubility in water:	insoluble
Partition coefficient [n-octanol/water]:	not determined
Viscosity:	not applicable
Relative vapour density determined in air:	not applicable
Evaporation speed:	not applicable
Melting point [°C]:	not determined
Autoignition temperature [°C]:	> 440 (DIN 51794)
Decomposition temperature:	240

10 Stability and reactivity

Hazardous reactions:	No hazardous reactions known.
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:	none
	No labelling on the basis of our own findings.

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.

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13 Disposal considerations

Product: For recycling, consult waste disposal centres.
For recycling, consult manufacturer.

Contaminated packaging: Uncontaminated packaging may be taken for recycling.

Waste no. (recommended): 070299

14 Transport information

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"

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: none

R-phrases: none

S-phrases: none

Special labelling: Safety data sheet available for professional user on request.

EEC-REGULATIONS: 1967/548 (2008/58, 30. ATP/ 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EWG (2008/47/EG)

TRANSPORT-REGULATIONS: DOT-Classification, ADR (2009); IMDG-Code (34. Amdt.); IATA-DGR (2010).

NATIONAL REGULATIONS (GB): EH40/2005 Workplace exposure limits with amendments October 2007.
CHIP 3/ CHIP 4

Authorisation, TITEL VII: not applicable

Restrictions, TITEL VIII: not applicable

16 Other informations

R-phrases (Chapter 03): R 48/20: Harmful - danger of serious damage to health by prolonged exposure through inhalation.

Observe employment restrictions for people: no

VOC (1999/13/CE): not applicable

648/2004/CE not applicable

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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