

Safety Data Sheet 1907/2006/EC - REACH (GB)
28-001

Date printed: 20.05.2010, Revision: 19.05.2010

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1 Identification of the substance / preparation and of the company

28-001

Use: Toner
Identified use: none
Method of operation: See product information.
Company: Pelikan Hardcopy European Logistics & Services GmbH
 Neue Strasse 19
 52382 Niederzier 2 / GERMANY
 Phone: +49(0)2428 830
Manufacturer: Pelikan Hardcopy Production AG
 Gewerbestrasse 9
 8132 Egg / SWITZERLAND
 Phone: +41 (0) 44 986 1111
 Fax: +41 (0) 44 986 1265
Emergency phone: +41 (0) 44 986 1111 (8:00-17:00)
Responsible: Schroeder@chemiebuero.de

2 Hazards identification

Physico-chemical hazards: In the supplied form the product is not explosive at all ; however the build-up of fine dust can lead to a risk of dust explosions.
Human health dangers: No particular hazards known.
Environmental hazards: No particular hazards known.
Other hazards: none
R-phrases: none

3 Composition / Information on ingredients

Range [%]	Substance
< 5	Silicon dioxide, amorphous
	Registration: CAS: 7631-86-9, EINECS/ELINCS: 231-545-4, EU-INDEX: , ECBnr:
	GHS/CLP:
	EEC:

Comment on component parts: No dangerous components.
Substances of Very High Concern - SVHC: There are contained no substances which are named in the list SVHC (Candidate List of Substances of Very High Concern for authorization).

4 First aid measures

General information: Change powdered clothing.
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.
 In the event of symptoms seek for medical treatment.
Ingestion: In the event of symptoms seek for medical treatment.
 Rinse out mouth and give plenty of water to drink.
Advice to doctor: Treat symptomatically.

5 Fire-fighting measures

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

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6 Accidental release measures

Personal precautions: Ensure adequate ventilation.
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 within the regulations.

7 Handling and storage

Advice on safe handling: Provide vacuuming if dust raised.
Avoid the formation and deposition of dust.

Advice on protection against fire and explosion: Dust can form an explosive mixture with air.
Keep away from all sources of ignition.

Requirements for storage rooms and vessels: Keep only in original container.

Advice on storage compatibility: Do not store together with oxidizing agents.

Further information on storage conditions: 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)

Range [%]	Substance / WEL: Workplace exposure limit
< 5	Silicon dioxide, amorphous / -ppm, 6mg/m ³ , respirable dust

Respiratory protection: Breathing apparatus in the event of high concentrations.
short term: filter apparatus, filter P1

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
Color:	various
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 determined
Upper explosion limit:	not determined
Oxidizing properties:	no
Vapour pressure [kPa]:	not applicable
Density [g/ml]:	1 - 1,5
Bulk density [kg/m³]:	not determined
Solubility in water:	virtually 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]:	> 360
Decomposition temperature:	not determined

10 Stability and reactivity

Hazardous reactions:	Accumulation of fine dust may entail the risk of a dust explosion in the presence of air. Reactions with oxidizing agents.
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:	Ames-test: negative.
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:	not determined
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: Coordinate disposal with the authorities if necessary.
For recycling, consult manufacturer.

Contaminated packaging: Uncontaminated packaging may be taken for recycling.

Waste no. (recommended): 080318

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:**

Classification according to IATA: NOT CLASSIFIED AS "DANGEROUS GOODS"

- **IMDG LQ:**

- **Label:**

15 Regulatory information

Exposure scenario: not determined

Chemical safety report: not determined

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.

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 (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

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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