

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

28-004

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

### 1.1 Product identifier

28-004

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

Toner

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

**Company** Pelikan Hardcopy European Logistics & Services GmbH  
Neue Strasse 19  
52382 Niederzier 2 / GERMANY  
Phone +49(0)2428 830

**Manufacturer** Pelikan Hardcopy Production AG  
Gewerbstrasse 9  
8132 Egg / SWITZERLAND  
Phone +41 (0) 44 986 1111  
Fax +41 (0) 44 986 1265  
Homepage [www.pelikan.com](http://www.pelikan.com)  
E-mail [info@pelikan.com](mailto:info@pelikan.com)

**Responsible** Schroeder@chemiebuero.de

### 1.4 Emergency phone

+41 (0) 44 986 1111 (8:00-17:00)

## 2 Hazards identification

### 2.1 Classification of the substance or mixture

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

not applicable

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

not applicable

### 2.2 Label elements

**Hazard symbols** none  
**R-phrases** none  
**S-phrases** none  
**Special labelling** none

### 2.3 Other hazards

**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** Further hazards were not determined with the current level of knowledge.

## 3 Composition / Information on ingredients

### 3.1 Substances

The product in question is a mixture.

### 3.2 Mixtures

Range [%]	Substance
0,1 - 2	Titanium dioxide
	CAS: 13463-67-7, EINECS/ELINCS: 236-675-5 EU-INDEX: ECB-Nr.:
	GHS/CLP: not applicable
	EEC: , R

**Comment on component parts** Substances of Very High Concern - SVHC: substances are not contained or below 0,1%.

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## 4 First aid measures

### 4.1 Description of 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.

### 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	Foam. Carbon dioxide. Dry powder. Water spray jet.
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 within the local regulations.

## 6 Accidental release measures

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

Ensure adequate ventilation.  
Avoid dust formation.

### 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.  
Avoid raising dust.  
Dispose of absorbed material in accordance within the regulations.

### 6.4 Reference to other sections

See Chapter 8+13

## 7 Handling and storage

### 7.1 Precautions for safe handling

Provide vacuuming if dust raised.  
Avoid the formation and deposition of dust.  
Dust can form an explosive mixture with air.  
Keep away from all sources of ignition.

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

Keep only in original container.  
Do not store together with oxidizing agents.  
Store in a dry place.  
Protect from heat/overheating.

### 7.3 Specific end use(s)

See product use, Chapter 1.2

## 8 Exposure controls / personal protection

### 8.1 Control parameters

not applicable

### 8.2 Exposure controls

<b>Additional advice on system design</b>	Ensure adequate ventilation on workstation.
<b>Eye protection</b>	Safety glasses.
<b>Hand protection</b>	butyl rubber, > 120 min (EN 374) The details concerned are recommendations. Please contact the glove supplier for further information.
<b>Skin protection</b>	not applicable
<b>Other</b>	Avoid contact with eyes and skin. Do not inhale dust.  Wash hands before breaks and after work. Use barrier skin cream.
<b>Respiratory protection</b>	Breathing apparatus in the event of high concentrations. short term: filter apparatus, filter P1
<b>Thermal hazards</b>	not applicable
<b>Delimitation and monitoring of the environmental exposition</b>	See Chapter 6+7.

## 9 Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

<b>Form</b>	powder
<b>Color</b>	black
<b>Odor</b>	characteristic
<b>Odour threshold</b>	not determined
<b>pH-value</b>	not applicable
<b>pH-value [1%]</b>	not applicable
<b>Boiling point [°C]</b>	not applicable
<b>Flash point [°C]</b>	not applicable
<b>Flammability [°C]</b>	not determined
<b>Lower explosion limit</b>	not determined
<b>Upper explosion limit</b>	not determined
<b>Oxidizing properties</b>	no
<b>Vapour pressure [kPa]</b>	not applicable
<b>Density [g/ml]</b>	1,5 - 2,5
<b>Bulk density [kg/m³]</b>	not determined
<b>Solubility in water</b>	virtually insoluble
<b>Partition coefficient [n-octanol/water]</b>	not determined
<b>Viscosity</b>	not applicable
<b>Relative vapour density determined in air</b>	not applicable
<b>Evaporation speed</b>	not applicable
<b>Melting point [°C]</b>	not determined
<b>Autoignition temperature [°C]</b>	not determined
<b>Decomposition temperature</b>	not determined

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**9.2 Other information**

none

**10 Stability and reactivity**

**10.1 Reactivity**

No dangerous reactions known if used as directed.

**10.2 Chemical stability**

The product is stable under standard conditions.

**10.3 Possibility of hazardous reactions**

Accumulation of fine dust may entail the risk of a dust explosion in the presence of air.  
Reactions with oxidizing agents.

**10.4 Conditions to avoid**

See chapter 7.2.

**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**

<b>Serious eye damage/irritation</b>	not determined
<b>Skin corrosion/irritation</b>	not determined
<b>Respiratory or skin sensitisation</b>	not determined
<b>STOT-single exposure</b>	not determined
<b>STOT-repeated exposure</b>	not determined
<b>Mutagenicity</b>	Ames-test: negative.
<b>Reproduction toxicity</b>	not determined
<b>Carcinogenicity</b>	not determined
<b>General remarks</b>	

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

**12 Ecological information**

**12.1 Toxicity**

**12.2 Persistence and degradability**

	not determined
<b>Behaviour in environment compartments</b>	not determined
<b>Behaviour in sewage plant</b>	not determined
<b>Biological degradability</b>	not determined

**12.3 Bioaccumulative potential**

not determined

**12.4 Mobility in soil**

not determined

**12.5 Results of PBT and vPvB assessment**

not determined

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### 12.6 Other adverse effects

None known.

## 13 Disposal considerations

### 13.1 Waste treatment methods

Coordinate the waste disposal with the national authorities.

#### Product

Coordinate disposal with the authorities if necessary.  
For recycling, consult manufacturer.

#### Waste no. (recommended)

080318

#### Contaminated packaging

Uncontaminated packaging may be taken for recycling.

#### Waste no. (recommended)

150104  
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 (2008/58, 30. ATP/ 31. ATP); 1991/689 (2001/118); 1999/13; 2004/42; 648/2004; 1907/2006 (Reach); 1272/2008; 75/324/EEG (2008/47/EG)

#### TRANSPORT-REGULATIONS

DOT-Classification, ADR (2011); IMDG-Code (34. 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

Chemical safety assessments for substances in this mixture were not carried out.

## 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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