

# Safety Data Sheet

## according to Regulation (EC) No 1907/2006 (REACH)

### SECTION 1: Identification of the mixture and of the company

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#### 1.1 Product identifier:

**Article description:** Toner cartridge

**Group number:** 2911,0006; 2911,3006; 2912,0006

#### 1.2. Relevant identified uses of the mixture and uses advised against

This product is a toner used in printers and copiers.

##### **Sector of Use**

SU22 Professional uses: Public domain (administration, education, entertainment, services, craftsmen).

##### **Application of the mixture**

Laser printer

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

##### **Manufacturer:**

Name: KMP PrintTechnik AG,

Address: Pfarrer-Findl-Strasse 40, D-84307 Eggenfelden, Germany

e-mail: info@kmp.com

#### 1.4 EMERGENCY TELEPHONE NUMBER:

+49 8721 773-60      Mo - Th 8:00 am to 5:00 pm      Fr 8:00 am to 2:00 pm

### SECTION 2: Hazards identification

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#### 2.1. Classification of the mixture:

##### **Classification according to Regulation (EC) No 1272/2008**

The product is not classified as hazardous according to the CLP regulation.

##### **Additional information:**

Full text of H- and EUH-phrases: see SECTION 16.

#### 2.2 Label elements

##### **Labelling according to Regulation (EC) No 1272/2008**

**Hazard pictograms** Void

**Signal word** Void

**Hazard statements** Void

**Precautionary statements** Void

#### 2.3 Other hazards

Results of PBT and vPvB assessment

**PBT:** Not applicable.

**vPvB:** Not applicable

## SECTION 3: Composition/information on ingredients

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### 3.1 Mixtures

**Description of the mixture:**

Mixture

**Hazardous ingredients:**

Compound	CAS-Nr.	INDEX Nr.	EG-Nr.	Concentration %	Classification according to the Directive (EG) Nr. 1272 [CLP]
Siliciumdioxid	---	---	---	1-5	Not classified

**Additional information:**

For the wording of the listed risk phrases refer to section 16.

## SECTION 4: First aid measures

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### 4.1 Description of first aid measures

**General information:** Take off contaminated clothing.

**After inhalation:** Supply fresh air; consult doctor in case of symptoms.

**After skin contact:** Wash with plenty of soap and water. If skin irritation continues, consult a doctor.

**After eye contact:** Rinse opened eye for several minutes under running water. If symptoms persist, consult doctor.

**After swallowing:** Rinse out mouth and then drink plenty of water.

In case of persistent symptoms consult doctor.

### 4.2 Most important symptoms and effects, both acute and delayed

No further relevant information available.

### 4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment

## SECTION 5: Firefighting measures

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### 5.1 Extinguishing media:

**Suitable extinguishing agents**

Carbon dioxide (CO<sub>2</sub>), extinguishing powder or water spray/fog. Fight larger fires with water spray/fog or alcohol-resistant foam.

**For safety reasons unsuitable extinguishing agents:** Water with a full water jet.

### 5.2 Special hazards arising from the substance or mixture

Carbon monoxide (CO) and Carbon dioxide (CO<sub>2</sub>); Metal oxides

### 5.3 Advice for fire-fighters

**Protective equipment:** Wear self-contained breathing apparatus.

**Additional information:** Dispose of fire debris and contaminated fire fighting water in accordance with official regulations.

## **SECTION 6: Accidental release measures**

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- 6.1 Personal precautions, protective equipment and emergency procedures**  
Ensure adequate ventilation. Avoid causing dust. Do not breathe dust.  
Avoid contact with skin and eyes.
- 6.2 Environmental precautions:**  
Do not allow the toner powder to reach sewage system or water bodies
- 6.3 Methods and material for containment and cleaning up**  
Ensure adequate ventilation. Collect mechanically. Dispose of the material collected according to regulations.
- 6.4 Reference to other sections**  
See Section 7 for information on safe handling and storage  
See Section 8 for information on personal protection equipment.  
See Section 13 for information on waste disposal.

## **SECTION 7: Handling and storage**

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- 7.1 Precautions for safe handling**  
Keep out of the reach of children. Avoid inhalation of dust and contact with skin and eyes.  
Use with adequate ventilation. Keep away from excessive heat, sparks, and open flames.
- Information about protection against explosions and fires:** Keep away from sources of ignition, don't smoke.
- 7.2 Conditions for safe storage, including any incompatibilities**  
Keep out of the reach of children. Keep tightly closed and dry. Store at room temperature.  
Store away from strong oxidizers.
- Requirements to be met by storerooms and containers:**  
Observe all local and national regulations for storage of water polluting products.
- Information about storage in one common storage facility:** Not required.
- Further information about storage conditions:** Store in cool, dry conditions in well sealed containers.
- 7.3 Specific end uses**  
No further relevant information available.

## **SECTION 8: Exposure controls/personal protection**

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## 8.1 Control parameters

Components with critical values that require monitoring at the workplace:

<b>Siliciumdioxid</b>	
AGW	(Deutschland) Langzeitwert: 4 E mg/m <sup>3</sup> DFG, 2, Y

DNEL Values:

## 8.2 Exposure controls

**Personal protective equipment:**

**General protective and hygienic measures**

Keep away from foodstuffs, beverages and food; Do not breathe dust; Avoid close or long term contact with the skin; Avoid contact with the eyes; Wash hands during breaks and at the end of the work.

**Eye protection:** not available

**Breathing equipment:** Not available

**Protection of hands:** Not available

**Special protection equipment:** not available.

**Thermal danger:** Not available

**Hygienic measure:** Wash hands before a break or at the end of the working day.

## SECTION 9: Physical and chemical properties

### 9.1 Information on basic physical and chemical properties

**Appearance:**

**Form:** Powder

**Colour:** rot

**Smell:** odourless

**Odour threshold:** not data available

	<b>Wert</b>
<b>pH</b>	not data available
<b>Melting point/range</b>	not data available
<b>Boiling point/range</b>	not data available
<b>Flash point</b>	not applicable
<b>Evaporation rate</b>	not determined
<b>Flammability (solid, gas)</b>	not classified as flammable solid
<b>Critical values for explosion:</b>	
<b>Upper explosive limits</b>	not determined
<b>Lower explosive limits</b>	not determined
<b>Vapour pressure</b>	not determined
<b>Vapour density</b>	not determined
<b>Relative density</b>	1,58g/ cm <sup>3</sup>
<b>Solubility(ies)</b>	soluble
<b>Partition coefficient:</b> <b>n-octanol/water</b>	not determined
<b>Auto-ignition temperature</b>	not determined
<b>Decomposition temperature</b>	not determined
<b>Viscosity</b>	
<b>Viscosity, dynamic</b>	not determined

<b>Viscosity, cinematic</b>	not determined
<b>Explosive properties</b>	not data available
<b>VOC (EU)</b>	not applicable
<b>Solid content</b>	not applicable

## 9.2 Other information:

No further relevant information available.

## SECTION 10: Stability and reactivity

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**10.1 Reactivity:** No further relevant information available.

### 10.2 Chemical stability

**Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.

**10.3 Possibility of hazardous reactions:** No dangerous reactions known.

**10.4 Conditions to avoid:** No further relevant information available.

**10.5 Incompatible materials:** Strong oxidizing agents

**10.6 Hazardous decomposition products:** Carbon monoxide (CO) and Carbon dioxide (CO<sub>2</sub>); Metal oxides.

## SECTION 11: Toxicological information

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### 11.1 Information on toxicological effects

No further relevant information available.

#### **Primary irritant effect:**

##### **Skin corrosion/irritation**

Dust particles may mechanically irritate the skin.

##### **Serious eye damage/irritation**

Dust particles may mechanically irritate the eye.

##### **Respiratory or skin sensitisation**

Based on available data, the classification criteria are not met.

#### **CMR effects (carcinogenicity, mutagenicity and toxicity for reproduction)**

**Mutagenicity** Not classified Ames-Test Negative

Based on available data, the classification criteria are not met.

**Carcinogenicity** Based on available data, the classification criteria are not met.

**Reproductive toxicity** Based on available data, the classification criteria are not met.

**STOT-single exposure** Based on available data, the classification criteria are not met.

**STOT-repeated exposure** Based on available data, the classification criteria are not met.

**Aspiration hazard** Based on available data, the classification criteria are not met.

## SECTION 12: Ecological information

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**12.1 Toxicity:** No further relevant information available.

**12.2 Persistence and degradability** No further relevant information available.

**12.3 Bioaccumulative potential** No further relevant information available.

**12.4 Mobility in soil** No further relevant information available.

**12.5 Results of PBT and vPvB assessment**

**PBT:** Not applicable.

**vPvB:** Not applicable.

**12.6 Other adverse effects:**

No further relevant information available.

## **SECTION 13: Disposal considerations**

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### **13.1 Waste treatment methods**

**Recommendation** Do not shred toner cartridge, unless dust-explosion prevention measures are taken. Finely dispersed particles may form explosive mixtures in air. Dispose of in compliance with federal, state and local regulations

## **SECTION 14: Transport information**

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**14.1 UN-Number ADR, IMDG, IATA** Void

**14.2 UN proper shipping name ADR, IMDG, IATA** Void

**14.3 Transport hazard class(es) ADR, IMDG, IATA Class** Void

**14.4 Packing group ADR, IMDG, IATA** Void

**14.6 Special precautions for user** Not applicable.

**14.7 Transport in bulk according to Annex II of Marpol and the IBC Code** Not applicable.

**Transport/Additional information:** Not dangerous according to the above specifications.

## **SECTION 15: Regulatory information**

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### **15.1 Safety, health and environmental regulations/legislation specific for the mixture**

**Directive 2012/18/EU** Does not apply.

**National regulations**

**Water hazard class:** the product is not dangerous for the waterlife.

### **15.2 Chemical Safety Assessment:**

A Chemical Safety Assessment has not been carried out.

## **SECTION 16: Other information**

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**Sections containing revisions and/or new statements:**

Fully revised in accordance with the Annex II to Regulation (EC) No 1907/2006 replaced by the text set out in the Annex to COMMISSION REGULATION (EU) 2015/830.

This document was prepared in accordance with Regulations (EC) No 1907/2006 (REACH) , 1272/2008 (CLP) and (EU) 2015/830 (amending REACH).

**Abbreviations and acronyms:**

ADR: Accord européen sur le transport des marchandises dangereuses par Route (European Agreement concerning the International Carriage of Dangerous Goods by Road)

IMDG: International Maritime Code for Dangerous Goods

IATA: International Air Transport Association

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

VOC: Volatile organics compounds (USA, EU)

LC50: Lethal concentration, 50 percent

LD50: Lethal dose, 50 percent

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

SVHC: Substance of Very High Concern