

**Material Safety Data Sheet**  
**In according to the Regulation (CE) n. 1907/2006 REACH**  
Issue date: 25/03/16  
Data Sheet B1196 in Rev. n. 0

**1. Identification of the Product and of the Company**

**Product name:** Toner Cartridge Magenta d-COLOR MF223/MF283  
**Code number:** B1196  
**Product description:** Magenta Toner  
**Company name:** Olivetti S.p.A.  
Via Jervis 77  
10015 Ivrea (TO) - ITALY  
**For information:** Tel. 0039 (0)125 775710  
Fax 0039 (0)125 775711  
e-mail : [supplies@olivetti.com](mailto:supplies@olivetti.com)  
**For emergency:** Centro Antiveleni-Ospedale Niguarda (Milano)  
0039 (0)2 66101029

**2. Hazards identification**

**Classification according to Regulation (EC) No. 1272/2008 [CLP]** Not classified as dangerous.  
**Labelling according to Regulation (EC) No. 1272/2008 [CLP]** No labelling is applicable  
**Other hazards** Dust explosion (like most finely divided organic powders)

**3. Composition/information on ingredients**

Name	Product identifier	Classification (67/548/EEC)	Classification (Regulation (EC) No 1272/2008 CLP)	Concentration [%]
Styrene acrylic resin	+++	Not classified	Not classified	80-90
Wax	+++	Not classified	Not classified	1-10
Organic pigment 1	+++	Not classified	Not classified	1-10
Organic pigment 2	+++	Not classified	Not classified	1-10
Amorphous silica	(CAS No) 7631-86-9	Not classified	Not classified	1-10
Titanium dioxide	(CAS No) 13463-67-7 (EC no) 236-675-5	Not classified	Not classified	1-10

\* Occupational Exposure Limits are listed in section 8.

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#### **4. First – aid measures**

<b>Ingestion:</b>	Wash out mouth with water. Drink one or two glasses of water. If symptoms occur, get medical attention.
<b>Inhalation:</b>	Move victim to fresh air immediately. If symptoms occur, get medical attention.
<b>Eye contact:</b>	Flush eyes with plenty of water for 15 minutes. If symptoms occur, get medical attention.
<b>Skin contact:</b>	Wash with water and mild soap.

#### **5. Fire – fighting measures**

<b>Suitable Extinguishing Media:</b>	CO <sub>2</sub> , water spray, foam and dry chemical
<b>Extinguishing Media to Avoid:</b>	Full water jet
<b>Fire and Explosion Hazards:</b>	If dispersed in air, like most finely divided organic powders, may form an explosive mixture.
<b>Protection of fire-fighters:</b>	Use self-contained breathing apparatus (SCBA).

#### **6. Accidental release measures**

<b>Personal precautions:</b>	None
<b>Environmental precautions:</b>	None.
<b>Methods for Cleaning-up:</b>	Wear personal protective equipment (See Section 8). Vacuum or sweep material and place in a bag and hold for waste disposal. Use vacuum equipped with High Efficiency Particulate Air(HEPA) filter. Vacuum should be electrically bonded and grounded to dispel static electricity. To avoid dust generation, do not sweep dry.

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### 7. Handling and storage

**Handling:** Do not breathe dust. Avoid contact with eyes. Try not to disperse the particulates.

**Storage:** Keep container closed. Store in a cool and dry place. Keep out of reach of children.

### 8. Exposure controls/personal protection

<b>Total dust</b>	ACGIH-TLV	10 mg/m <sup>3</sup> (Inhalable particles) 3 mg/m <sup>3</sup> (Respirable particles)	TWA (mg/m <sup>3</sup> )	10
<b>Titanium dioxide</b>	ACGIH-TLV	10 mg/m <sup>3</sup>	TWA (mg/m <sup>3</sup> )	10

**Personal protective equipment:** Not required under normal conditions. For use other than in normal operating procedures (such as in the event of large spill), goggles and respirators may be required.

**Hygiene Measures:** Wash hands after handling.

### 9. Physical and chemical properties

<b>Physical state:</b>	Solid
<b>Appearance:</b>	Powder
<b>Colour:</b>	Red
<b>Odour:</b>	Almost odorless
<b>pH:</b>	Not applicable
<b>Boiling point (°C):</b>	Not applicable
<b>Melting point (°C):</b>	No data available
<b>Flash Point (°C):</b>	Not applicable
<b>Auto-Ignition Temperature (°C):</b>	No data available
<b>Upper/ lower flammability or explosive limits:</b>	No data available
<b>Explosion Properties:</b>	No data available
<b>Evaporation rate:</b>	No data available
<b>Vapor Pressure:</b>	Not applicable
<b>Vapor density:</b>	Not applicable
<b>Specific Gravity:</b>	1.2
<b>Solubility:</b>	Insoluble in water
<b>Partition Coefficient, n-Octanol/Water:</b>	Not applicable
<b>Decomposition temperature:</b>	Not applicable

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### 10. **Stability and reactivity**

<b>Reactivity:</b>	None
<b>Chemical stability:</b>	Stable except above 200 °C
<b>Possibility of hazardous reactions:</b>	Dust explosion, like most finely divided organic powders.
<b>Conditions to avoid:</b>	Electric discharge, throwing into fire.
<b>Incompatible materials:</b>	Oxidizing materials.
<b>Hazardous decomposition products:</b>	CO, CO <sub>2</sub> , Nox, smoke

### 10. **Toxicological information**

Acute Toxicity:

Ingestion(oral), LD50(mg/kg): >2000 (Rat)  
Dermal, LD50(mg/kg): No data available

Inhalation, LC50(mg/l): >5.06 (Rat,4hour)

Eye irritation: Minimal irritant (Rabbit)  
Skin irritation: None irritant (Rabbit)  
Skin sensitizer: Non sensitizer (Mouse)

Mutagenicity: Negative (AMES test)  
Teratogenicity: No data available

### 11. **Ecological information**

<b>Toxicity</b>	No data available
<b>Persistence and degradability</b>	No data available
<b>Mobility</b>	No data available

### 12. **Disposal considerations**

When disposing of the waste or recovered material, consult federal, state and/or local regulations for the proper disposal method.

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**14. Transport information**

Information on Code and Classifications According to International Regulations  
UN Classification: None  
Further information: Not a dangerous good under IATA or IMDG.  
Hazchem code (Austl.): None

**15. Regulatory information**

EU Information

This safety datasheet complies with the requirements of Regulation (EC) No. 1907/2006.

- Regulation (EC) No 2037/2000 of the European Parliament and of the Council on Substances That Deplete the Ozone Layer: Not applicable
- Regulation (EC) No 850/2004 of the European Parliament and of the Council on Persistent Organic Pollutants and Amending Directive 79/117/EEC (POPs): Not applicable
- Regulation (EU) No 649/2012 of the European Parliament and of the Council on Concerning the Export and Import of Dangerous Chemicals (PIC): Not applicable
- Directive 2012/18/EU of the European Parliament and of the Council on the Control of Major-Accident Hazards Involving Dangerous Substances, Amending and Subsequently Repealing Council Directive 96/82/EC, (Seveso III): Not applicable
- Regulation (EC) No 1907/2006 of the European Parliament and of the Council:
  - Annex XIV- List of Substances Subject To Authorization: Not applicable
  - Annex XVII- Restrictions on the Manufacture, Placing on the Market and Use of Certain Dangerous Substances, Preparations and Articles: Not applicable

For this product a chemical safety assessment was not carried out.

**16. Other information**

This Material Safety Data Sheet was prepared in according to the Regulation (CE) n. 1907/2006 REACH and Regulation EC n°1272/2008.

This information adds to those contained in the 'Instructions of use' for same product, but does not substitute them.

The information contained herein relates only to the referred product as manufactured and put into the market, and is not valid for other combinations of same materials.

It is the user's responsibility to determine the suitability of such information for his intended use.

<Abbreviation>

ACGIH-TWA: Threshold Limit Value of American Conference of Government Industrial Hygienists