

Material Safety Data Sheet
In accordance to the Regulation (CE) n. 1907/2006 REACH
Issue data 25/01/2010 data Rev. Date: 25/01/2010
Data Sheet B0878in Rev. n. 0

1. Identification of the Product and of the Company

Product name:	TONER D-COPIA 3001MF
Code number:	B0878
Product description:	Black toner
Company name:	Olivetti S.p.A. Via Jervis 77 10015 Ivrea (TO) - ITALY
For information:	Tel. 0039 (0)125 522710 Fax 0039 (0)125 522711 e-mail : supplies@olivetti.com
For emergency:	Centro Antiveleni-Ospedale Niguarda (Milano) 0039 (0)2 66101029

2. Hazards identification

Classification: Not classified as dangerous in according to Directive 67/548/CEE, 1999/45/CE and 2001/60/CE and further modifications.

Specific Hazards: None

Most Important Hazards and Effects of the Products

Ingestion:	Ingestion is not applicable route of entry for intended use.
Inhalation:	Prolonged inhalation of excessive dusts may cause lung damage. Use of this product, as intended, does not result in inhalation of excessive dust.
Eye Contact:	May cause eye irritation.
Skin Contact:	Unlikely to cause skin irritation.
Environment Hazards:	No data are available on the adverse effects of this product on the environment.

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3. Composition/information on ingredients

Substance [] Preparation [X]

Chemical name	Weight %	CAS number	EINECS number
Styrene acrylate copolymer 1	40-50	+++	+++
Magnetite	40-50	+++	+++
Styrene acrylate copolymer 2	1-5	+++	+++
Wax	1-5	+++	+++

+++ : Supplier's confidential information

4. First – aid measures

Inhalation: Remove from exposure to fresh air and gargle with plenty of water.
Consult a doctor in case of such a symptoms as coughing.

Skin contact: Wash with soap and water.

Eye contact: Flush with water immediately and see a doctor if irritating.

Ingestion: Rinse out the mouth. Drink one or two glasses of water to dilute.
Seek medical treatment if necessary.

5. Fire – fighting measures

Extinguishing Media: Water (Sprinkle with Water), Foam, Powder, CO2 or Dry
Chemical Extinguisher

Fire – Fighting Procedure: Pay attention not to blow away toner powder. Drain water
off around and decrease the atmosphere temperature to
extinguish the fire.

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6. Accidental release measures

Personal precautions:	Avoid inhalation, ingestion, eye and skin contact in case of accidental toner release.
Environmental precautions:	No special precaution.
Methods for Cleaning-up:	Gather the released toner not to blow away and wipe up with a wet cloth.

7. Handling and storage

Handling:	Never open the toner container.
Storage:	Keep the toner container tightly closed and store in a cool, dry and dark place keeping away from fire. Keep away from children.

8. Exposure controls/personal protection

Exposure limit value:	ACGIH TLV(2000)-TWA: Total Dust 10mg/m ³ , Respirable Dust 3mg/m ³ OSHA PEL (2006)-TWA: Total Dust 15mg/m ³ , Respirable Dust 5mg/m ³
Protective Equipment:	Respiratory protection, eye protection, hand protection, skin and body protection are not required under normal use.
Ventilation:	None required with intended use

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9. Physical and chemical properties

Physical state:	Solid
Form:	Fine Powder
Color:	Black
Odour:	Odorless
pH	Not applicable
Melting point:	130°C
Explosion Properties:	Dust explosion is improbable under normal use. Experimental explosiveness of toner is classified into the same rank such kind of powder as flour, dry milk and resin powder according to the pressure rising speed.
Density:	1.5 – 2.0 g/cm ³
Solubility:	Almost insoluble in water

10. Stability and reactivity

Stability/Reactivity: Stable under normal use.

Hazardous decomposition products: None

11. Toxicological information

Acute Toxicity: No data available
Acute dermal toxicity: No data available
Acute inhalation toxicity: No data available
Acute eye irritation: No data available
Acute skin irritation: No data available
Skin sensitization: No data available
Mutagenicity: Ames test is negative
Reproductive Toxicity: No reproductive toxicant, according to MAK, California Proposition 65, TRGS905 and EU Directive (67/548/EEC).
Carcinogenicity: No carcinogen or potential carcinogen, according to IARC, Japan Association on Industrial Health, ACGIH, EPA, OSHA, NTP, ILO, MAK, California Proposition 65, TRGS 905 and EU Directive (67/548/EEC).
Chronic effects: In a study in rats by chronic inhalation exposure to a typical toner, a mild to moderate degree of lung fibrosis was observed in 92% of the rats in the high concentration (16mg/m³) exposure group, and a minimal to mild degree of fibrosis was noted in 22% of the animal in the middle (4mg/m³) exposure group. But no pulmonary change was reported in the lowest (1mg/m³) exposure group, the most relevant level to potential human exposures.
Other information: None

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12. Ecological information

No data available

13. Disposal considerations

Do not incinerate toner and toner containers. Dangerous sparks may cause burn.
Any disposal practice should be done under conditions which meet local, state and federal laws and regulations relating to waste (contact local or state environmental agency for specific rules).

14. Transport information

UN No.	None
UN Shipping Name:	None
UN Classification	None
UN Packing Group:	None
Special Precautions:	None

15. Regulatory information

EU Information

Label information according to the Directives 67/548/EEC and 1999/45/EC.

Symbol and Indication:	Not required
R-Phrase:	Not required
S-Phrase:	Not required
Special markings:	Not required
Hazardous ingredients for labeling	None

US Information

All components in this product comply with order under TSCA

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16. Other information

This Material Safety Data Sheet was prepared in according to the Regulation (CE) n. 1907/2006 REACH. 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:	American Conference of Governmental Industrial Hygienists
PEL	Permissible Exposure Limit
OSHA	Occupational Safety and Health Administration
TLV	Threshold Limit Value
TWA	Time Weighted Average
MAK:	MAK (Maximale Arbeitsplatzkonzentrationem) under Deutsche Forschungsgemeinschaft
TRGS:	Technische Regeln Fur Gefahrstoffe(Deutsche)
IARC:	International Agency for Research on Cancer
EPA:	Environmental Protection Agency(USA)
NTP:	National Toxicology Program
ILO:	International Labour Office
UN:	United Nations
TSCA:	Toxic Substances Control Act(USA)