

## MATERIAL SAFETY DATA SHEET

Scheda : B0421in

(according 91/155/EEC,2001/58EC)

Issue date: 16/02/00

Date: 18/09/02

Rev. n. 4 updated 16/09/02

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### 1. Identification of product and company

Product name: **Toner for OFX 8800**

Product description: Cartridge containing toner powder.

Product code: **B0421**

Product to be used with: Olivetti Fax OFX 8800

Company name: Olivetti Tecnost S.p.A.  
Via Jervis 77  
10015 Ivrea (TO)-Italy

For information: Tel. 0039 0125 525490  
Fax 0039 0125 525494  
e-mail : [supplies@olivettitecnost.com](mailto:supplies@olivettitecnost.com)

For emergency Tel. 0039 0125 525490

### 2 Composition/information on ingredients

Name	Concentration % weight	CAS Number
Copolymer styrene- acrylate	85-95 %	27136-15-8
Carbon black	3-5 %	1333-86-4
Propylene wax	3-5 %	9003-07-0

### 3. Hazard identification

Contact with skin: *It may cause skin irritation.*

Contact with eyes: *It may cause eyes irritation.*

Inhalation: *Prolonged inhalation of excess powder may cause lungs irritation.  
During normal usage, no leakage of powder is expected.*

Ingestion: *Unlikely in normal conditions of usage.*

Information on Hazard *Not classified as dangerous according 1999/45/EC*

### 4. First aid measures

Contact with skin: *Remove the contaminated clothes immediately. Wash heavily with water and Marseilles soap. If the irritation persists, call a physician.*

Contact with eyes: *Wash heavily with water with open eyelid for 15 minutes at least. If eyes pain or redness persists, call an oculist. Don't uses ointments or eyewashes without eyes examination.*

Inhalation: *Take the person to the fresh air. Give oxygen if the breath is difficult and apply artificial ventilation if the person doesn't breathe.*

Ingestion: *Don't give anything orally. Don't induce the vomit. Take the patient to a first aid station.*  
*Information for the physician: Activated vegetable coal dust is useful. Gastrolusis is suitable for ingestion of high quantity (2-3 ml/kg) within an hour from the accident, by protecting respiratory tract in case of serious cerebral insufficiency. Gastric mucous protectors and in case antiH2 are useful.*

### 5. Fire fighting measures

Extinguishing media: *Water, foam, CO<sub>2</sub> or powder.*

Special procedures to fight fire: *In case of combustion of large amount, wear an autorespirator and protective media.*

Explosion or fire hazards: *Toner, as most of organic substances, may cause explosion.*



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### 6. Accidental release measures

Personal protection: *Avoid powder inhalation.*

Environmental precautions: *None.*

Clean-up method: *Clean with suitable vacuum cleaner and collect in closed container.*

### 7. Handling and storage

Handling: *Avoid inhalation, ingestion and contact with eyes and skin. Keep away from the reach of children.*

*Use it with suitable ventilation.*

Storage: *Keep at room temperature, in a fresh and dry place.*

### 8. Exposure controls and personal protection

Control Parameters<Reference data>:

*Carbon Black:* ACGIH TLV: 3,5mg/m<sup>3</sup>

OSHA PEL: 3,5mg/m<sup>3</sup>

Symbol (EC):not listed

R-Phrase(EC):not listed

Precautions measures: *In normal conditions of employ, a good general aeration should be sufficient.*

Personal protection: *Not requested in normal conditions of employ.*

### 9. Physical and chemical properties

Appearance: *Fine black powder.*

Odour: *Odourless.*

pH: *Not applicable.*

Boiling point: *Not applicable.*

Melting point: *Approx. 135 °C*

Flash point: *Not applicable.*

Autoignition point: *Not available.*

Explosive properties: *Not available.*

Comburent properties: *Not available.*

Vapour pressure: *Not applicable.*

Density @ 20 °C: *Approx. 1.5 (H<sub>2</sub>O: 1)*

Water solubility: *Insoluble.*

Solubility in: *Partially soluble in toluene and xylene.*

### 10. Stability and reactivity

Stability: *Stable*

Conditions to avoid: *None*

Incompatible materials: *Strong oxidants and organic solvents.*

Dangerous decomposition products: *None*

Risk of polymerisation: *None.*

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### 11. Toxicological information

Experimental results are relative to specific tests performed according to applicable standards. Tests performed by Laboratories approved by Italian Health Ministry.

Oral toxicity (LD<sub>50</sub>) >2000 mg/Kg

Dermal toxicity (LD<sub>50</sub>) >2000 mg/Kg

Eye irritating effect: *Negative*

Skin irritating effect: *Negative*

Skin sensitising effect: *Negative*

Mutagenicity (Ames test): *Negative*

### 12. Ecological information

*Avoid uncontrolled disposal.*

*There are no indications on adverse effects on environment.*

### 13. Disposal considerations

*The cartridge must be disposed of according to local law regulations in force.*

### 14. Transport information

*Special precautions are not requested.*

### 15. Regulatory information

Label information according to 67/548/EEC, 88/379/EEC,1999/45EEC directives and following updates

Symbol: *Not required.*

R-phrase: *Not required.*

S-phrase: *Not required.*

Dangerous components: *None*

Hazardous ingredients for labelling: *None*

### 16. Other information

This sheet contains information required as per applicable European Directives 88/379/EEC, 92/32/EEC, 91/155EEC 20001/58EC and following upgrades.

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.

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

Such information is based on data considered to be as accurate as possible at the date of issue.

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

OSHA :Occupational Safety and Health Administration

IARC :International Agency for Research on Cancer

EPA :Environmental Protection Agency (USA)

TSCA :Toxic Substances Control Act ( USA)