

MATERIAL SAFETY DATA SHEET

Data sheet : B0360Tin

(according to 91/155/EEC)

Issue date: 09/04/01

Rev. N.3 updated 06/04/05

Date: 16/10/2007

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1. Identification of product and company

Product name: **Toner for d-Copier 15-20**

Product description: Cartridge containing toner powder.

Product code: **B0360T**

Product to be used with: Olivetti Copier d-15 /d-20

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

For information: Tel. 0039 0125 522710
Fax 0039 0125 522711
e-mail : supplies@olivetti.com

For emergency: Tel. 0039 0125 522710

2 Composition/information on ingredients

Name	Concentration	CAS Number
Copolymer styrene-acrylate 1	60 - 70 %	---
Copolymer styrene-acrylate 2	20 - 30 %	---
Copolymer styrene-acrylate 3	1-5 %	---
Carbon black	5-10 %	1333-86-4
Paraffin wax	1-5 %	---

3. Hazard identification

Contact with skin: *Unlikely to cause skin irritation.*

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

Inhalation: *Prolonged inhalation of excessive dusts may cause lung damage. .*

Ingestion: *Ingestion is not applicable route of entry for intended use.*

4. First aid measures

Contact with skin: *Wash heavily with soap and water.*

Contact with eyes: *Flush thoroughly with water and seek medical treatment.*

Inhalation: *Remove from the exposure to fresh air.*

Ingestion: *Rinse the mouth with water and seek medical treatment.*

5. Fire fighting measures

Extinguishing media: *Water, foam, CO₂ or dry chemicals.*

Special procedures to fight fire: *In case of burning in large quantities, use self-contained breathing apparatus and protective gear*

Explosion or fire hazards: *None under normal storage and use conditions.*

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6. Accidental release measures

Personal protection: *None.*
Environmental precautions: *None.*
Clean-up method: *Clean up with a vacuum cleaner.*

7. Handling and storage

Handling: *Avoid inhalation, ingestion, skin and eye contact. Keep away from the reach of children.*
Storage: *Keep at room temperature, in a cool, dry and dark place.*

8. Exposure controls and personal protection

Dusts : *ACGIH TLV(TWA): 3 mg/m³ Respirable fraction 10 mg/m³ Total dust*
OSHA PEL(TWA): 5mg/m³ Respirable fraction 15 mg/m³ Total dust
Precautions measures: *See Section 2*
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: *130 °C*
Flash point: *Not available.*
Autoignition point: *Not available.*
Explosive properties: *Not available.*
Comburent properties: *Not applicable.*
Vapour pressure: *Not applicable.*
Density @ 20 °C: *1.1 (H₂O=1)*
Water solubility: *Insoluble.*
Solubility in: *Not available.*

10. Stability and reactivity

Stability: *Stable*
Conditions to avoid: *None*
Incompatible materials: *Strong oxidants and organic solvents.*
Dangerous decomposition products: *None.*
Hazardous polymerization: *None.*

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11. Toxicological information

Oral toxicity (LD ₅₀)	> 2000 mg/kg
Dermal toxicity (LD ₅₀)	> 2000 mg/kg*
Acute inhalation toxicity (LC ₅₀)	(rat) > 5.03 mg/l (4 hr)
Eye irritating effect	Minimal irritant
Skin irritating effect	Not irritant
Skin sensitising effect	Negative
Mutagenicity (Ames test):	Negative (<i>Salmonella typhimurium</i>)

* Estimated from acute oral toxicity for same product

12. Ecological information

Not available.

13. Disposal considerations

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

14. Transport information

Special precautions are not required.

15. Regulatory information

Label information according to 67/548/EEC and 88/379/EEC Directives

Symbol: *Not required.*

R-phrase: *Not required.*

S-phrase: *Not required.*

Dangerous components: *None*

16. Other information

This sheet contains information required as per applicable European Directives 88/379/EEC and 92/32/EEC.

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.

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