

MATERIAL SAFETY DATA SHEET

Data sheet :B0375in

(according to 91/155/EEC;2001/58EC)

Issue date: 09/10/01

Rev.n. 2 updated 29/04/03

Date: 17/07/03

Page: 1 of 4

1. Identification of product and company

Product name: **SnugCart**

Product description: Fabric ribbon cartridge, indelible nylon Black

Product code: **B0375**

Product to be used with: Olivetti Printer PR 2 / PR2 en

Company name: Olivetti Tecnost S.p.A.

Via Jervis 77

10015 Ivrea (TO)-Italy

For information: Tel. 0039 0125 525490

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2 Composition/information on ingredients

Name	Concentration weight %	CAS Number	Symbol (EC)
Natural oil (C ₁₈ chain)	60-65	confidential	not classified
Azine dye	25-30	101357-15-7	not classified
Triarylmethane dye		52080-58-7	not classified
Solvent dye oil solution		confidential	not classified
Organic pigments	10-15	68334-64-5	Xi, N, R41,51/53

3. Hazards identification

Contact with skin: *Unlikely skin irritation.*

Contact with eyes: *Unlikely eyes irritation.*

Inhalation: *Not applicable.*

Ingestion: *Unlikely in normal conditions of usage.*

4. First aid measures

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

Contact with eyes: *Wash heavily with flush water and see a doctor if irritant .*

Inhalation: *Not applicable.*

Ingestion: *Rinse out of the mouth and seek medical treatment if necessary*

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Page: 2 of 4

5. Fire fighting measures

Extinguishing media: *Water, foam, CO₂ and powder.*

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

Explosion or fire hazards: *None in normal conditions of usage.*

6. Accidental release measures

Personal protection: *None.*

Environmental precautions: *No special precaution*

Clean-up method: *None.*

7. Handling and storage

Handling: *Avoid contact with skin. Keep away from the reach of children.*

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

8. Exposure controls and personal protection

Precautions measures: *Not necessary.*

Personal protection: *Respiratory protection ,eye, hand , Skin and body protection are not required under normal use*

Ventilation: *It is not required under normal use*

9. Physical and chemical properties

Appearance: *Black fabric ribbon in plastic cartridge.*

Odour: *Faint oil odour.*

pH: *Not applicable.*

Boiling point: *> 200 °C.*

Melting point: *Not applicable.*

Flash point: *Approx. 175 °C.*

Autoignition point: *> 300 °C.*

Explosive properties: *Unlikely.*

Comburent properties: *Not available.*

Vapour pressure: *> 1 mbar.*

Density @ 20 °C: *0.89 (H₂O=1)*

Viscosity @ 25 °C: *Approx. 1300 cps.*

Water solubility: *Insoluble.*

Solubility in: *Soluble in many organic solvents.*

10. Stability and reactivity

Stability: *Stable in normal conditions.*

Conditions to avoid: *None.*

Incompatible materials: *Strong oxidizers.*

Dangerous decomposition products: *None.*

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Page: 3 of 4

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 ₅₀)	> 5000 mg/Kg*
Dermal toxicity (LD ₅₀)	> 2000 mg/Kg*
Eye irritating effect:	not irritant
Skin irritating effect	not irritant*
Skin sensitising effect	negative*
Mutagenicity (Ames test):	The test is running

* Results referred to ink of similar composition

12. Ecological information

No data are available as to its effect on the environment.
Avoid uncontrolled disposal.

13. Disposal considerations

The waste cartridge must be disposed of according to federal, state and local laws.

14. Transport information

Not required.

15. Regulatory information

Label information according to 67/548/EEC , 88/379/EEC and 2001/59EC directives

Symbol: Not required.

R-phrases: Not required

S-phrases: Not required

Hazardous ingredients: Ingredient with Xi,N, R41,51/53 Symbol(EC)

16. Other information

OLIVETTI
TECNOST

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Page: 4 of 4

This sheet contains information required as per applicable European Directives 88/379/EEC, 92/32/EEC, 91/155/EEC 2001/58EC 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 (TLV) : American Conference of Governmental Industrial Hygienists (Threshold Limit Value)

CAS :Chemical Abstracts Service (79/831 EEC)

C.I. :Colour index

EPA :Environmental Protection Agency (USA)

IARC :International Agency for Research on Cancer

ILO :International Labour office

JAHO : Japan Society for Occupational Health

MAK :MAK (Maximale Arbeitsplatzkonzentrationen) under Deutsche Forschungsgemeinschaft.

NTP :National Toxicology Program (USA)

OSHA (PEL) :Occupational Safety and Health Administration (Permissible Exposure Limit)

TSCA :Toxic Substances Control Act (USA)

TRGS :Technische Regeln für Gefahrstoffe (Deutsche)

UN :United Nations

Symbol (EC) :

X_i, Irritant

N, Dangerous for the environment

R-Phrase (EC):

R41, Corrosive and irritant effects including serious damage to the eyes

R-51/53 toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment