

Material Safety Data Sheet
According to 91/155/EEC and following modifications
Issue date: 12/01/99 update: 06/04/05
Data sheet 80621Vin Rev. n. 5

1. Identification of product and company

Product name: New Logocart Nylon Black
Code number: 80621V
Product description: Cartridge containing ribbon impregnated with ink.
Company name: Olivetti S.p.A.
Via Jervis 77
10015 Ivrea (TO) – ITALY
For informations: 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. Composition/information on ingredients

Substance/ preparation: preparation.

Chemical name	Weight %	EINECS number	CAS number
Natural Oil (C ₁₈)*	55-65	Confidential*	Confidential*
Azinic dye	20-25 %	309-912-6	101357-15-7
Carbon black	8-12 %	215-609-9	1333-86-4
C.I. solvent violet 8	3-4 %	-	52080-58-7
Mineral Oil	5-10 %	-	-

*Occupational Exposure Limit(s), is available, are listed in section 8.

**Supplier's confidential information.

3. Hazard identification

Information on hazard: The preparation is not classified as a dangerous according to UE Directive 1999/45/EC.
Contact with skin: Not cause skin irritation.
Contact with eyes: Unlikely in normal conditions of usage.
Inhalation: Not applicable
Ingestion: Unlikely in normal conditions of usage.



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4. **First - aid measures**

Contact with skin:	Wash heavily with water and Marseilles soap.
Contact with eyes:	Wash heavily with water.
Inhalation:	Not applicable.
Ingestion:	Not applicable.

5. **Fire - fighting measures**

Extinguishing media.

Extinguishing media:	Water, foam, CO ₂ and powder.
Special procedures to fight fire:	Wear respiratory protection and protective clothing.
Explosion or fire hazards:	None in normal conditions of storage and usage.

6. **Accidental release measures**

Personal protection:	No needed under normal conditions of use.
Environmental precautions:	Do not discharge into drains, rivers or the environment.
Clean – up method:	Not applicable.

7. **Handling and storage**

Handling:	Avoid skin contact. Keep away from children.
Storage:	Store in cool and dry place. Do not break package.

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8. **Exposure controls and personal protection**

Engineering measures: None
Work practice: Wash hand after usage.
Exposure limits: Carbon Black : 3.5 mg/m³ TLV- TWA (ACGIH).

Personal equipment:

Respiratory protection Protection is not required under normal usage.
Eye protection Protection is not required under normal usage.
Hand protection Protection is not required under normal usage.

9. **Physical and chemical properties**

Appearance:	nylon ribbon in plastic cartridge
Odor:	oil
pH:	not applicable
Boiling point:	> 200 °C*
Melting point:	Not applicable
Flash point:	ca. 175 °C*
Autoignition point:	>300 °C*
Explosive properties:	No data available.
Comburent properties:	No data available.
Vapour pressure:	< 1mbar*
Viscosity to 25°C:	approx 1300 cps
Density to 20°C:	0.89 (H ₂ O=1).*
Water solubility:	insoluble
Solubility	Organic compounds

* Referred to natural oil

10. **Stability and reactivity**

Stability: Stable in the normal condition of usage and storage.
Incompatible materials: Strong Oxidizing substances.
Dangerous thermal decomposition products: None.

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11. Toxicological information

Experimental results are relative to specific tests performed according to enforced laws. Tests performed by Italian Health Ministry approved laboratories.

Oral toxicity(LD₅₀)	Not available
Dermal toxicity(LD₅₀)	Not available
Skin sensitising effect	Not available
Eyes irritation	Not available
Skin irritation	Not available
Mutagenicity (Ames test)	Negative

12. Ecological information

No data are available as to its effect on the environment.
Do not dispose in the environment.

13. Disposal considerations

Dispose in according to 75/442/CEE and following modifications (91/156/CEE, 91/692/CEE, 96/59/CE and 96/350/CE) and in according to:

- Directive 91/689/CEE dangerous waste
- Resolution 2000/532/CE and following modifications about institution of a new community waste's list
- Directive 94/62/CE about packages and package's waste.

14. Transport information

Not required.

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15. Regulatory information

EU regulations

Classification and labelling have been performed according to EU directives 67/548/EEC, 1999/45/EC including amendments.

Symbol and Indication :	Not required.
R-Phrase :	Not required.
S-Phrase :	Not required.

16. Other information

This Material Safety Data Sheet was prepared in compliance with EU Directive 91/155/EEC including amendments.

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

OSHA : Occupational Safety and Health Administration

IARC : International Agency for Research on Cancer

EINECS: European Inventory of Existing Commercial Substances

CAS : Chemical Abstract Service (79/831 EEC)

LD₅₀ : Lethal Dose 50 (Dose Letale 50)

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