

MATERIAL SAFETY DATA SHEET

Data sheet : 81129Jin

(according to 91/155/EEC,2001/58EC, EC 1907/2006)

Issue date: 21/02/01

Rev.n. 4 updated 08/11/07

Date: 26/05/2008

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1. Identification of product and company

Product name: **Ink Roll IR 40 T**

Product description: Polyurethane inked roller.

Product code: **81129J**

Product to be used with: Logos 93EU/94EU/94
Summa 10/12/13/14, Divisumma 12, PD 710/711/712/800

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

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

For emergency: Tel. 0039 0125 522711

2. Hazard identification

Contact with skin: *May cause skin irritation/sensitisation.*

Contact with eyes: *May cause eyes irritation/sensitisation.*

Inhalation: *No effects are known to exist, due to inhalation.*

Ingestion: *May cause gastrointestinal irritation, vomiting and diarrhoea.*

Information on Hazard: *Contains: C.I.Solvent Black*

3. Composition/information on ingredients

Name	Concentration	CAS Number
C.I.Solvent Black	18-25 %	8005-02-5
Fatty acid	50-70 %	112-80-1
Fatty ester	1-6 %	1338-43-8
Mineral oil	10-25 %	72623-87-1

Hazardous ingredients:

C.I.Solvent Black

Simbol (EC):F (Flammable)

R-Phrase(EC):R10

S-Phrase(EC):S1/2,S25,S26,S45

4. First aid measures

Contact with skin: *Wash contaminated areas with soap and water.*

Contact with eyes: *Flush eyes thoroughly with water. Seek medical attention if irritation persists.*

Inhalation: *Remove victim to an uncontaminated atmosphere and administer oxygen or artificial respiration as needed. Get medical attention.*

Ingestion: *Induce vomiting and call a doctor.*



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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 and storage.*

6. Accidental release measures

Personal protection: *None.*

Environmental precautions: *Eliminate all sources of ignition.*

Clean-up method: *Soak up on paper or other absorbent and scoop into closed containers.*

7. Handling and storage

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

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

8. Exposure controls and personal protection

Precautions measures: *Use gloves and safety glasses with side shield.*

9. Physical and chemical properties

Appearance: *Polyurethane ink roll in plastic cartridge.*

Odour: *Faint aromatic.*

pH: *Not available.*

Boiling point: *> 180 °C.*

Melting point: *> -10 °C*

Flash point: *180 °C*

Autoignition point: *Not available.*

Explosive properties: *Not available.*

Comburent properties: *Not available.*

Vapour pressure: *> 0.1 mm Hg*

Density @ 20 °C: *0.98 (H₂O=1)*

Viscosity @ 25 °C *Not available.*

Water solubility: *< 0.5 %*

Solubility in solvents: *Moderate*

10. Stability and reactivity

Stability: *Stable in normal conditions.*

Conditions to avoid: *None known*

Incompatible materials: *Strong oxidizers.*

Dangerous decomposition products: *Carbon and nitrogen oxides. During a fire, irritating and toxic gases may be generated.*

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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 (LD₅₀) > 2000 mg/kg

Dermal toxicity (LD₅₀) > 2000 mg/kg

Eye irritating effect: *Irritant*

Skin irritating effect *Corrosive*

Skin sensitising effect *Negative*

Mutagenicity (Ames test): *Negative*

12. Ecological information

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

Avoid uncontrolled disposal.

13. Disposal considerations

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

14. Transport information

There is no precaution in particular.

15. Regulatory information

Label information according to 67/548/EEC, 88/379/EEC,1999/45EEC,2001/58EC directives and following updates

Symbol: *F (flammable)*

R-phrases: *R10*

S-phrases: *S1/2 (Keep under key and away from the reach of children)*

S25 (Avoid eyes contact)

S26 (In case of eyes contact, wash immediately and thoroughly with water and call a physician)

S45 (in case of accident and malaise, call immediately a physician e , if is possible, show him the label)

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16. Other information

This sheet contains information required as per applicable European Directives 88/379/EEC, 92/32/EEC, 91/155EEC 2001/58EC, EC 1907/2006 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)

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