

MATERIAL SAFETY DATA SHEET
according to 2001/58 EC, EC 1907/2006, EC 1272/2008
Printing: 31/08/1999 date of update: 03/05/2013 Data sheet : 80878B in Rev. n. 3

1. Identification of product and company

Product name:	Ink roller 40 Nero
Product code:	80878B
Product description:	Polyurethane inked roller.
Company name:	Olivetti S.p.A. Via Jervis 77 10015 Ivrea (TO) - ITALY
For information:	Tel. 0039 (0)125 775710 Fax 0039 (0)125 775711 e-mail : supplies@olivetti.com
For emergency:	Center-Hospital Niguarda (Milano) 0039 (0)2 66101029

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2. Hazard identification

Ingestion: May cause gastrointestinal irritation, vomiting and diarrhoea. Toxic if swallowed

Inhalation: Toxic by inhalation and irritating to the respiratory system.

Contact with eyes: May cause eyes irritation/sensitisation.

Contact with skin: May cause skin irritation/sensitisation.

Environment Risk Harmful if released into the environment
:

Informazioni di pericolo: F

Simbolo: F (flammable)

Phrases-R/H: R10 (flammable product); H 225

Phrases-S/P: S1/2 (keep locked up and out of reach of children); P404 + P102

S25 (avoid contact with eyes); P262

S26 (in case of contact with eyes, rinse immediately with plenty of water and seek medical); P305 + P351 + P338

S45 (in case of an accident and you feel unwell seek medical advice immediately and, if possible, show the label); P309 + P311

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3 Composition and information on ingredients

Substance [] Prepared [X]

Chemical Name	% w/w	CAS number	EINECS number
Solvent Black	10-20	8005-02-5	not required
Solvent Yellow	0.5-2	6706-82-07	not required
Fatty Ester	10-15	26266-58-0	not required
Fatty Acid	40-50	112-80-1	not required
Oleic Acid Etyher Hexyl Ester	20-25	26399-02-0	not required

4 First aid measures

- Inhalation:** Remove victim to an uncontaminated atmosphere and administer oxygen or artificial respiration as needed. Get medical attention.
- Contact with skin:** Wash contaminated areas with soap and water.
- Contact with eyes:** Flush eyes thoroughly with water. Seek medical attention if irritation persists.
- 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:: 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: Avoid inhalation, ingestion, contact with skin and eyes in case of accidental spillage

Environmental precautions: Eliminate all sources of ignition.

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

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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 eye protection. Masks for protection from smoke and fumes

Exposure Limits Avoid contamination with food and drink

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9 Physical and chemical properties

Appearance:	Black ink roll in plastic cartridge
Forma:	Solid
Colore:	Black
Odour:	Faint aromatic.
pH:	Not available.
Boiling point (°C)	>180 °C
Melting point	> -10 °C
Flash point	180 °C
Explosive properties	Not available
Comburent properties	Not available
Vapour pressure:	> 0.1 mm Hg (MINORE O MAGGIORE)
Viscosity @ 25 °C:	Not available
Water solubility:	< 0.5 %
Density @ 20 °C:	0.98 (H ₂ O=1).
Solubility in solvents:	Moderate

10 Stability and reactivity

Stability:	Stable in normal conditions.
Hazardous decomposition products:	Oxides of carbon and nitrogen in a fire, irritating and toxic gases may be produced.
Conditions to avoid:	Not available
Incompatible materials:	Strong oxidizers

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11 Toxicological information

Oral toxicity:	(rat) LD ₅₀ >2,000 mg/kg (Estimated from other products containing the same substances).
Acute dermal toxicity:	corrosive. >2000 mg/kg
Acute inhalation toxicity:	Toxic if inhaled.
Acute eye irritation:	Irritant
Acute skin irritation:	(rabbit) A little irritating (Estimated from other products containing the same substances)
Skin sensitization:	(mouse) not sensitizing (Estimated from other products containing the same substances)
Mutagenicity:	Ames test negative (Estimated from other products containing the same substances)
Reproductive toxicity:	Not available
Carcinogenicity:	Limited evidence of carcinogenic effects
Chronic Effects:	Risk of serious damage to health by prolonged exposure if there is
More information:	None

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12 Ecological information

There is no information indicating negative ecological effects. Do not release into the environment.

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

Labelling according to DM January 28, 1992 46, and Legislative Decree no. February 3, 1997 52 of transposition of EC 1272/2008

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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, CE 1907/2006, 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:	American Conference of Governmental Industrial Hygienists
PEL	Permissible Exposure Limit
OSHA	Occupational Safety and Health Administration
TLV	Threshold Limit Value
TWA	Time Weighted Average
MAK:	MAK (Maximale Arbeitsplatzkonzentrationem) under Deutsche Forschungsgemeinschaft
IARC:	International Agency for Research on Cancer
NTP:	National Toxicology Program
UN:	United Nations
TSCA:	Toxic Substances Control Act(USA)