



## SAFETY DATA SHEET

### 27.960: Pelikan black / cyan / magenta / yellow toner for Konica Minolta MC2400

#### 1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME	27.960: Pelikan black / cyan / magenta / yellow toner for Konica Minolta MC2400
SUPPLIER	Pelikan Hardcopy European Logistics & Services GmbH Neue Strasse 19 D-52382 Niedertzier 2 Germany +49 (0) 2428 830 Olaf Lehmann olaf.lehmann@phpag.com
EMERGENCY TELEPHONE	+41 (0) 44 986 1111 (available only during office hours)

#### 2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

##### HUMAN HEALTH

Dust may irritate respiratory system or lungs. May irritate eyes.

#### 3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
CARBON BLACK (black toner only)	215-609-9	1333-86-4	1-5%	-
METAL-ORGANIC COMPLEX	403-360-0	42405-40-3	1-5%	F;R11 Xn;R22 N;R50/53

The Full Text for all R-Phrases are Displayed in Section 16

#### 4 FIRST-AID MEASURES

##### GENERAL INFORMATION

When in doubt or symptoms persist, seek medical attention.

##### INHALATION

General first aid, rest, warmth and fresh air.

##### INGESTION

Immediately rinse mouth and drink plenty of water (200-300 ml).

##### SKIN CONTACT

Wash skin thoroughly with soap and water.

##### EYE CONTACT

Immediately flush with plenty of water for up to 15 minutes. Remove any contact lenses and open eyes wide apart.

#### 5 FIRE-FIGHTING MEASURES

##### EXTINGUISHING MEDIA

Fire can be extinguished using: Carbon dioxide (CO<sub>2</sub>). Water spray, fog or mist. Foam. Dry chemicals.

##### SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours. Use pressurised air mask if product is involved in a fire. Water spray should be used to cool containers.

##### SPECIFIC HAZARDS

Dust may form an explosive mixture in the atmosphere. In case of fire, toxic gases may be formed.

#### 6 ACCIDENTAL RELEASE MEASURES

##### PERSONAL PRECAUTIONS

Use protective gloves, goggles and suitable protective clothing. Do not smoke, use naked flames or other sources of ignition. Provide adequate ventilation.

**27.960: Pelikan black / cyan / magenta / yellow toner for Konica Minolta MC2400****ENVIRONMENTAL PRECAUTIONS**

Do not allow to enter drains, sewers or watercourses.

**SPILL CLEAN UP METHODS**

Avoid generation and spreading of dust. Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into closed container. Wash contaminated area with water. For waste disposal, see section 13.

**7 HANDLING AND STORAGE****USAGE PRECAUTIONS**

Observe good industrial hygiene practices. Keep away from heat, sparks and open flame. Do not eat, drink or smoke when using the product. Avoid handling which leads to dust formation. Avoid inhalation of dust and contact with skin and eyes.

**STORAGE PRECAUTIONS**

Store in tightly closed original container in a dry, cool and well-ventilated place. Store away from Oxidising material - Keep away from flammable and combustible materials. Keep away from food, drink and animal feeding stuffs. Keep out of the reach of children.

**8 EXPOSURE CONTROLS/PERSONAL PROTECTION**

Name	Std	TWA - 8 hrs		STEL - 15 min		Notes
CARBON BLACK (black toner only)	WEL		3.5 mg/m3		7.0 mg/m3	

WEL = Workplace Exposure Limit.

**STD**

General dust recommended limits (UK): 10 mg/m3 (8-hour TWA) total inhalable dust or 4 mg/m3 (8-hour TWA) total respirable dust.

**ENGINEERING MEASURES**

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined workplace exposure limit is not exceeded.

**HAND PROTECTION**

Protective gloves are recommended.

**EYE PROTECTION**

Wear dust resistant safety goggles where there is danger of eye contact.

**9 PHYSICAL AND CHEMICAL PROPERTIES**

APPEARANCE	Powder, dust		
COLOUR	Black Blue Red Yellow		
ODOUR	Odourless		
SOLUBILITY	Insoluble in water		
BOILING POINT (°C)	NA	MELTING POINT (°C)	ND
RELATIVE DENSITY	1.1	BULK DENSITY	ND
VAPOUR PRESSURE	NA	pH-VALUE, DILUTED SOLUTION	NA
FLASH POINT (°C)	NA	AUTO IGNITION	NA
		TEMPERATURE (°C)	
PARTITION COEFFICIENT (N-Octanol/Water)	NA		

**10 STABILITY AND REACTIVITY****STABILITY**

Stable under normal temperature conditions and recommended use.

**CONDITIONS TO AVOID**

Avoid heat, flames and other sources of ignition.

**HAZARDOUS POLYMERISATION**

Will not polymerise.

**MATERIALS TO AVOID**

Strong oxidising substances.

**HAZARDOUS DECOMPOSITION PRODUCTS**

Thermal decomposition or combustion may liberate carbon oxides and other toxic gases or vapours.

**11 TOXICOLOGICAL INFORMATION**

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## GENERAL INFORMATION

Mutagenicity, the induction of inheritable genetic damage (Ames Test): negative. Carcinogenicity: None.

## INHALATION

Dust may irritate respiratory system or lungs.

## INGESTION

No harmful effects expected in amounts likely to be ingested by accident.

## SKIN CONTACT

Powder may irritate skin.

## EYE CONTACT

May cause temporary eye irritation.

**12 ECOLOGICAL INFORMATION**

## ECOTOXICITY

By comparison with another product: Presents no hazard to the environment. Volatile organic compounds (VOC): 0%.

## BIOACCUMULATION

No data available on bioaccumulation.

## DEGRADABILITY

There are no data on the degradability of this product.

## WATER HAZARD CLASSIFICATION

N/A

**13 DISPOSAL CONSIDERATIONS**

## GENERAL INFORMATION

Waste is classified as hazardous waste. Disposal should be in accordance with local, state or national legislation.

## DISPOSAL METHODS

Recover and reclaim or recycle, if practical. Contact supplier for disposal information. Incineration by an approved method could be considered.

## WASTE CLASS

List of Wastes (ref: Decision 2000/532/EC): 08 03 17\*. Properties of wastes which render them hazardous (ref: Dir 91/689/EEC Ann III): H14.

**14 TRANSPORT INFORMATION**

## GENERAL

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

**15 REGULATORY INFORMATION**

## RISK PHRASES

NC Not classified.

## SAFETY PHRASES

NC Not classified.

## UK REGULATORY REFERENCES

Health and Safety at Work Act 1974.

## ENVIRONMENTAL LISTING

Environmental Protection Act 1990. Pollution Prevention and Control Act 1999.

## EU DIRECTIVES

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

## STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations. Control of Substances Hazardous to Health.

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### APPROVED CODE OF PRACTICE

Safety Data Sheets for Substances and Preparations.

### GUIDANCE NOTES

Classification and Labelling of Substances and Preparations Dangerous for Supply.

### NATIONAL REGULATIONS

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2002. No. 1689. Workplace Exposure Limits EH40. Hazardous Waste Regulations 2005. List of Wastes Regulations 2005. The Solvent Emissions Regulations 2004.

## 16 OTHER INFORMATION

### GENERAL INFORMATION

NA = not applicable. NC = not classified. ND = no data. TWA = time-weighted average. Not classified as hazardous for users. This Safety Data Sheet satisfies the requirements of the REACH Regulation (EC): No 1907/2006, as corrected. Article 31. All brand names and trademarks are the property of their respective holders and are used here for descriptive purposes only.

### REVISION COMMENTS

Changes to Section(s): 13

REVISION DATE                      B / 11.12.09

SDS NO.                                27.960

### RISK PHRASES IN FULL

NC                                      Not classified.

R11                                    Highly flammable.

R22                                    Harmful if swallowed.

R50/53                               Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

### DISCLAIMER

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.