

SAFETY DATA SHEET

27.644: Pelikan toner for HP LaserJet 4600

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND COMPANY/UNDERTAKING

PRODUCT NAME	27.644: Pelikan toner for HP LaserJet 4600		
SUPPLIER	Pelikan Hardcopy European Logistics & Services GmbH Neue Strasse 19 D-52382 Niederzier 2 Germany +49 (0) 2428 830 olaf.lehmann@phiag.com	MANUFACTURER	Pelikan Hardcopy Production AG Leestrassse 1 CH-8132 Egg/ZH Switzerland +41 (0) 44 986 1111
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.

3 COMPOSITION/INFORMATION ON INGREDIENTS

Name	EC No.	CAS-No.	Content	Classification
CARBON BLACK	215-609-9	1333-86-4	5-10%	-
DYESTUFF	250-774-0	31714-55-3	1-5%	-
POLYESTER RESIN		25038-59-9	60-100%	-

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 (CO₂). Water spray, fog or mist. Foam.

SPECIAL FIRE FIGHTING PROCEDURES

Avoid breathing fire vapours.

UNUSUAL FIRE & EXPLOSION HAZARDS

Combustible solid.

SPECIFIC HAZARDS

Dust may form an explosive mixture in the atmosphere. Lower explosive limit: ca 15% (in air). By fire, toxic gases may be formed (CO_x, NO_x).

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.

27.644: Pelikan toner for HP LaserJet 4600**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.

STORAGE PRECAUTIONS

Store in closed original container at temperatures between 0°C and 40°C. Keep out of the reach of children. Keep away from food, drink and animal feeding stuffs.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION**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.

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		
ODOUR	Slight odour		
SOLUBILITY	Insoluble in water		
MELTING POINT (°C)	120	BULK DENSITY	1000-1700 kg/m ³
VAPOUR PRESSURE	NA	pH-VALUE, DILUTED SOLUTION	NA
AUTO IGNITION TEMPERATURE (°C)	> 360		

10 STABILITY AND REACTIVITY**STABILITY**

Stable under normal temperature conditions and recommended use. Stable at least up to ca 200 °C.

HAZARDOUS DECOMPOSITION PRODUCTS

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

11 TOXICOLOGICAL INFORMATION**GENERAL INFORMATION**

Mutagenicity, the induction of inheritable genetic damage (Ames Test): negative.

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**

The product is not expected to be hazardous to the environment. Volatile organic compounds (VOC): 0%.

WATER HAZARD CLASSIFICATION

N/A

27.644: Pelikan toner for HP LaserJet 4600**13 DISPOSAL CONSIDERATIONS**

GENERAL INFORMATION

Waste to be treated as controlled waste. Disposal should be in accordance with local, state or national legislation.

DISPOSAL METHODS

Powder to be collected, sealed tightly in bags and disposed on approved landfills. Incineration by an approved method could be considered.

WASTE CLASS

List of Wastes (ref: Decision 2000/532/EC): 08 03 18.

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

Dangerous Preparations Directive 1999/45/EC. System of specific information relating to Dangerous Preparations. 2001/58/EC.

STATUTORY INSTRUMENTS

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

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. The information provided about the product on this Safety Data Sheet has been compiled from knowledge of the individual constituents. The precise composition of this product is proprietary information. More details will be supplied in confidence to qualified medical personnel if specific treatment is necessary. All brand names and trademarks are the property of their respective holders and are used here for descriptive purposes only.

REVISION COMMENTS

New format Safety Data Sheet. Changes to Section(s): 2 3 5 6 7 8 9 11 12 13 15 16

REVISION DATE

C / 23.01.08

SDS NO.

27.644

RISK PHRASES IN FULL

NC Not classified.

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.