



Safety Data Sheet

Black High Yield Toner Cartridge PN X945X2KG

1. IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

Identification of the substance or mixture

Description of the product type : **Part number :**

| | |
|-------------------------------------|----------|
| High Yield Toner Cartridge (Black.) | X945X2KG |
|-------------------------------------|----------|

For actual printer/cartridge compatibility please reference www.lexmark.com

Product type : Solid.

Application : Laser Printer X940, X945

| |
|---|
| Supplier/Manufacturer : Lexmark International, Inc. 740 West New Circle Road Lexington, Ky 40550 |
|---|

e-mail address of person responsible for this SDS : caldwell@lexmark.com

Emergency telephone number (24/7) [United States] : Informations :1-859-232-3000
Emergency :1-859-232-3333

2. HAZARDS IDENTIFICATION

The product is not classified as dangerous according to Directive 1999/45/EC and its amendments.

Classification : Not classified.

See section 11 for more detailed information on health effects and symptoms.

See Section 12 for environmental precautions.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance/mixture : Mixture

There are no ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

4. FIRST AID MEASURES

Inhalation : If symptoms, such as shortness of breath or persistent coughing are experienced, remove source of contamination and move individual to fresh air. If symptoms persist, seek medical attention.

Skin contact : Wash with soap and water. Should irritation occur, seek medical attention.

Eye contact : Do not rub eyes. Flush immediately with plenty of water. Remove contact lenses and continue flushing for at least 15 minutes. If irritation develops and persists, seek medical attention.

Ingestion : Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.

Protection of first-aiders : No action shall be taken involving any personal risk or without suitable training.

Notes to physician : No specific antidote.

See section 11 for more detailed information on health effects and symptoms.

5. FIRE-FIGHTING MEASURES

Extinguishing media

Suitable : Carbon dioxide, water spray or fog, dry chemical or foam.

Not suitable : None known.

Special exposure hazards : Like many finely divided materials, toner dust, in high concentrations can form an explosive mixture in air which, if ignited, could result in a dust explosion.

Hazardous thermal decomposition products : Carbon monoxide, carbon dioxide, unidentified organics.

Special protective equipment for fire-fighters : Fire fighters should wear full protective clothing, including self-contained breathing apparatus.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions : None required for intended use in printer.

Environmental precautions : Disposal should be in accordance with applicable regional, national and local laws and regulations.

Methods for cleaning up

Small spill : If a dust cloud is possible due to a spill, remove all sources of ignition such as open sparks, flames, or static discharge to prevent the ignition of the dust. Minimize dust generation during clean up. Sweep up spill with non-metallic broom and dustpan. Contain for disposal. Oil permeated sweeping compound may be useful in cleaning up spills.

Large spill : Move containers from spill area. Prevent entry into sewers, water courses, basements or confined areas. Vacuum or sweep up material and place in a designated, labelled waste container. Dispose of via a licensed waste disposal contractor. Note: see section 1 for emergency contact information and section 13 for waste disposal.

7. HANDLING AND STORAGE

Handling : Avoid generating dust. To avoid damage to cartridge and accidental contact with toner, keep out of reach of children.

Storage : Store in a cool, dry place. Store away from oxidizing material.

Packaging materials

Recommended : Use original container.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Exposure limit values

| Ingredient name | Occupational exposure limits |
|--------------------------------|------------------------------|
| No exposure limit value known. | |

Exposure controls

Exposure limit values : Toner dust is a particulate not otherwise classified (PNOC) or regulated (PNOR).

Recommended monitoring procedures : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to European Standard EN 689 for methods for the assessment of exposure by inhalation to chemical agents and national guidance documents for methods for the determination of hazardous substances.

Occupational exposure controls : Not required. Use only in well-ventilated areas.

Respiratory protection : None required for intended use in printer.

Hand protection : None required for intended use in printer.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

- Eye protection** : None required for intended use in printer.
- Skin protection** : None required for intended use in printer.
- Hygiene measures** : Wash hands, forearms and face thoroughly after handling compounds and before eating, smoking and using the lavatory and at the end of the day. Follow good industrial hygiene practice.
- Environmental exposure controls** : Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

9. PHYSICAL AND CHEMICAL PROPERTIES

General information

- Appearance**
- Physical state** : Solid. [Toner Cartridge]
- Colour** : Black.
- Odour** : Faint odour. [Slight]
- Odour threshold** : Not available.

Important health, safety and environmental information

- Flash point** : Solid, not applicable
- Explosion limits** : Not determined.
- Solubility** : Insoluble in the following materials: cold water, hot water, Methanol, diethyl ether, n-octanol and acetone.
- Auto-ignition temperature** : Not applicable.

10. STABILITY AND REACTIVITY

- Stability** : The product is stable.
- Conditions to avoid** : Keep away from heat, flame, sparks and other ignition sources.
- Materials to avoid** : Reactive or incompatible with the following materials: oxidizing materials.
- Hazardous decomposition products** : Carbon monoxide, carbon dioxide, unidentified organics.

11. TOXICOLOGICAL INFORMATION

Potential acute health effects

- Inhalation** : Not available.
- Ingestion** : Low acute oral toxicity. Exposure not probable with intended use.
- Skin contact** : No known significant effects or critical hazards.
- Eye contact** : No known significant effects or critical hazards.

Acute toxicity

| Product/ingredient name | Species | Dose | Result | Exposure |
|--|---------|-------------|-----------|----------|
| Black High Yield Toner Cartridge PN X945X2KG | Rat | >5000 mg/kg | LD50 Oral | - |

Potential chronic health effects

Sensitiser

| Product/ingredient name | Route of exposure | Species | Result |
|-------------------------|-------------------|---------|--------|
| Not available. | | | |

Not available.

- Skin** : Not sensitizing
- Respiratory** : Not available.
- Chronic effects** : No known significant effects or critical hazards.

11. TOXICOLOGICAL INFORMATION

- Carcinogenicity** : **CARCINOGENIC EFFECTS:** Not available.
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.
- Mutagenicity** : No known significant effects or critical hazards.
- Teratogenicity** : No known significant effects or critical hazards.
- Developmental effects** : No known significant effects or critical hazards.
- Fertility effects** : No known significant effects or critical hazards.
- Over-exposure signs/symptoms**
- Inhalation** : No specific data.
- Ingestion** : No specific data.
- Skin** : No specific data.
- Eyes** : No specific data.
- Other adverse effects** : Exposure to high airborne dust concentrations, including toner, may aggravate existing respiratory conditions.

12. ECOLOGICAL INFORMATION

- Environmental effects** : No known significant effects or critical hazards.
- Conclusion/Summary** : Not available.
- Other adverse effects** : No known significant effects or critical hazards.

13. DISPOSAL CONSIDERATIONS

- Hazardous waste** : Within the present knowledge of the supplier, this product is not regarded as hazardous waste, as defined by EU Directive 91/689/EEC.

14. TRANSPORT INFORMATION

- International transport regulations**
- ADR/RID / IMDG / IATA Classes** : Not regulated.

15. REGULATORY INFORMATION

EU regulations

Classification and labeling have been determined according to EU Directives 67/548/EEC and 1999/45/EC (including amendments) and take into account the intended product use.

- Risk phrases** : This product is not classified according to EU legislation.
- Product use** : Consumer applications, Industrial applications.
- Europe inventory** : All ingredients are listed on the European Inventory of Existing Commercial Substances (EINECS) list, have been registered on the European List of New Chemical Substances (ELINCS), or are exempt.

International regulations lists

- TSCA (USA) (United States)** : All ingredients are listed on the Toxic Substances Control Act (TSCA) inventory, have been registered, or are exempt.
- ENCS (Japan)** : All ingredients are listed on the Japanese Existing and New Chemical Substances (ENCS) list, have been registered, or are exempt.
- AICS (Australia)** : All ingredients are listed in Australian Inventory of Chemical Substances (AICS), have been registered, or are exempt.
- Philippines inventory (PICCS)** : All ingredients are listed on the Philippines Inventory (PICCS) or are exempt.
- Korea inventory (KECI)** : All ingredients are listed on the Korean Existing Chemicals List (ECL), have been registered, or are exempt.
- China inventory (IECSC)** : All ingredients are listed on the Chinese inventory (IECSC) or are exempt.

15. REGULATORY INFORMATION

DSL/NDSL (Canada) : All ingredients are listed on the Canadian Domestic Substances List (DSL), have been registered on the Non-Domestic Substances List (NDSL), or are exempt.

16. OTHER INFORMATION**History**

Date of issue : 30 January 2010

Version : 1

Notice to reader

To the best of our knowledge, the information contained herein is accurate. However, neither the above-named supplier, nor any of its subsidiaries, assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.