



C772 Black Extra High Yield Print cartridge

Lexmark has determined that Material Safety Data Sheets are not required for print cartridges. For customer convenience, Lexmark provides product information in this familiar format.

<u>Section 1 - Product and Company Identification</u>

Product Name: C772 Black Extra High Yield Print Manufacturer: Lexmark International, Inc.

cartridge

Product ID: C7722KX 740 West New Circle Road

Chemical Toner Cartridge Lexington, KY 40550

Family:

Application:Laser PrinterInformation:1-859-232-3000Prepared By:Product Environmental ProgramsEmergency:1-859-232-3333

Section 2 - Composition / Information on Ingredients

| Ingredients | Percent (wt.) | CAS Number | OSHA PEL | ACGIH TLV |
|-----------------------------|---------------|--------------|---------------|---------------------------|
| Polyester Resin | 70-80 | Trade Secret | None | None |
| NJTSRN 20100451-5020 | | | | |
| Copolyester Resin 561 | 10-20 | Trade Secret | None | None |
| NJTSRN 80100451-5019 | | | | |
| Carbon Black | 3-6 | 1333-86-4 | 3.5 mg/m³ TWA | 3.5 mg/m ³ TWA |
| Amorphous Silica (modified) | 2-6 | Trade Secret | None | None |
| NJTSRN 80100451-5015 | | | | |
| Charge Control Agent | 0.4-2 | Trade Secret | None | None |
| NJTSRN 80100451-5018 | | | | |

Section 3 - Hazards Identification

The following information is based on testing of the product as a whole and/or characteristics of components.

Hazard Information: Primary Routes of Exposure: Dust inhalation, skin contact.

Inhalation: Low acute inhalation toxicity. As with exposure to high concentrations of any dust,

minimal irritation of the respiratory tract may occur. Exposure not probable with

intended use.

Skin Contact: Low dermal toxicity. Not a dermal sensitizer. Not an irritant.

Eye Contact: Toner may act as a mechanical irritant.

Ingestion: Low acute oral toxicity. Exposure not probable with intended use.

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.

C7722KX Date of Issue: 06-08-2006 **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. Slowly dilute with 1-2 glasses of water or milk and seek

medical attention. Never give anything by mouth to an unconscious person.

Aggravated Conditions: Exposure to high airborne dust concentrations, including toner, may aggravate

existing respiratory conditions.

Notes to Physician: No specific antidote.

<u>Section 5 - Fire Fighting Measures</u>

Flash Point/Range: Solid, not applicable

Autoignition Temperature: Not applicable
Flammable Limits in Air UEL: Not determined
Flammable Limits in Air LEL: Not determined

Extinguishing Media: Carbon dioxide, water spray or fog, dry chemical or foam

Hazardous Combustion

Special Exposure Hazards:

Special Protective Equipment:

Products:

Carbon monoxide, carbon dioxide, unidentified organics

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.

Fire fighters should wear full protective clothing, including self-contained breathing apparatus, if a large number of cartridges are involved.

NFPA Rating: Health: 1 Flammability: 1 Reactivity: 0
HMIS Classification: Health: 1 Flammability: 1 Reactivity: 0

Section 6 - Accidental Release Measures

Personal Precautionary

Measures:

None required for intended use in printer.

Environmental Precautions: Disposal is subject to national, state, regional, or provincial regulations.

Procedure for Cleaning/

Absorption:

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.

Section 7 - Handling and Storage

Handling: 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.

<u>Section 8 - Exposure Controls / Personal Protection</u>

Engineering Controls: None required. Use in a well ventilated area.

Respiratory Protection: None required for intended use in printer.

Gloves: None required for intended use in printer.

C7722KX

Date of Issue: 06-08-2006

Skin Protection: None required for intended use in printer.

Eyes: None required for intended use in printer.

Section 9 - Physical and Chemical Properties

Physical State: Solid powder Freezing Point/Range (°C): Not applicable Color: Black **Melting Point/Range:** Not determined Odor: Faint plastic-like odor **Specific Gravity:** Not determined % Volatiles: Vapor Density (Air=1): Not applicable Not determined Solubility in Water: Insoluble **Evaporation Rate:** Not applicable

Section 10 - Stability and Reactivity

Chemical stability: Stable

Hazardous Polymerization: Will not occur

Conditions to Avoid: High temperatures and flame

Materials to Avoid: Strong oxidizers

Hazardous Decomposition

Products:

Carbon monoxide, carbon dioxide, unidentified organics

Additional Guidelines: None

<u>Section 11 - Toxicological Information</u>

Primary Routes of Exposure: Inhalation of dust, skin contact.

Ingestion: Exposure not probable with intended use. Low acute oral toxicity.

Acute Toxicity Oral Rat LD50

(mq/kq):

>5000

Inhalation: Low acute inhalation toxicity. As with exposure to high concentrations of any dust,

> minimal irritation of the respiratory tract may occur. Pure carbon black, a minor component of this product, has been listed by IARC as a group 2B (possible carcinogen). This classification is based on rat "lung particulate overload" studies performed with airborne particulate carbon black. Toner is not listed by IARC, NTP,

or OSHA.

Aggravated Conditions: Exposure to high airborne dust concentrations, including toner, may aggravate

existing respiratory conditions.

Carcinogenicity Comment: Neither this product nor any of its components present above 0.1% are listed by

IARC, NTP, or OSHA as known carcinogens.

Section 12 - Ecological Information

Mobility: Not determined

Bioaccumulative: Not determined

Persistence: Not determined

Other Information: None

C7722KX

Date of Issue: 06-08-2006

Section 13 - Disposal Considerations

Waste Disposal:

This product is not a listed hazardous waste in accordance with Federal Regulation 40 CFR Part 261. If discarded in its purchased form, this product would not be a hazardous waste either by listing or by characteristic. However, under RCRA, it is the responsibility of the product user to determine at the time of disposal whether a material has been contaminated and should be classified as a hazardous waste. Disposal is subject to local, state and federal regulations.

Section 14 - Transport Information

DOT Status: Not classified as a hazardous material or substance under US

DOT.

DOT Shipping Name: Not applicable **DOT Reportable Quantity:** Not applicable **Hazard Class:** Not applicable **DOT Packing Group:** Not applicable

Section 15 - Regulatory Information

TSCA (USA): All ingredients are listed on the Toxic Substances Control Act (TSCA) inventory,

have been registered, or are exempt.

SARA / EPCRA (USA): None of the ingredients in this product has a final reportable quantity (RQ) under

> Emergency Planning and Community Right-to Know Act (EPCRA)- Section 302: Extremely Hazardous Substances (EHS) or notification requirements for EHS

under Section 304.

California Proposition 65: This product contains no known materials at levels which the State of California

has found to cause cancer, birth defects or other reproductive harm - California

Proposition 65.

DSL (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.

EINECS (Europe): 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.

ENCS (Japan): All ingredients are listed on the Japanese Existing and New Chemical Substances

(ENCS) list, have been registered, or are exempt.

ECL (Korea): All ingredients are listed on the Korean Existing Chemicals List (ECL), have been

registered, or are exempt.

WHMIS Hazard Class (Canada): Not a WHMIS controlled product.

Section 16 - Other Information

Additional Information: None

Data are most current known to Lexmark at the time of preparation and are believed to be accurate. No warranty as to their accuracy or completeness is expressed or implied.

END OF MSDS

C7722KX