Conforms to ANSI Z400.5-2004 Standard (United States, Canada, Mexico).

LEXMARK™

Material Safety Data Sheet

Color Toner Cartridge PN C925H2KG

1 . Product and company identification

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

Description :	Part number :
C925 High Yield Toner Cartridge, Black	C925H2KG
C925 High Yield Toner Cartridge, Cyan	C925H2CG
C925 High Yield Toner Cartridge, Magenta	C925H2MG
C925 High Yield Toner Cartridge, Yellow	C925H2YG
X925 High Yield Toner Cartridge, Black	X925H2KG
X925 High Yield Toner Cartridge, Cyan	X925H2CG
X925 High Yield Toner Cartridge, Magenta	X925H2MG
X925 High Yield Toner Cartridge, Yellow	X925H2YG
C925/X925 Imaging Unit, Black	C925X72G
C925/X925 Imaging Unit, Cyan	C925X73G
C925/X925 Imaging Unit, Magenta	C925X74G
C925/X925 Imaging Unit, Yellow	C925X75G

For actual printer/cartridge compatibility please reference www.lexmark.com
Application : Laser Printer C925/X925
Information: 1-859-232-3000
Emergency: 1-859-232-3333

2 . Composition/information on ingredients

Name	%	CAS number	OSHA PEL	ACGIH TLV
Polyester Resin	80 - 90	Trade secret	None.	None.
Ester Wax	5 - 15	Trade secret	None.	None.
Amorphous silica	<10	67762-90-7	None.	None.
Aromatic Hydrocarbon Resin	1 - 15	Trade secret	None.	None.
Carbon black	<5	Trade secret	**OSHA PEL (United States, 11/2006).** TWA: 3.5 mg/m³ 8 hour(s). **OSHA PEL 1989 (United States, 3/1989).** TWA: 3.5 mg/m³ 8 hour(s).	**ACGIH TLV (United States, 2/2010).** TWA: 3.5 mg/m³ 8 hour(s).
Blue pigment	<5	Trade secret	None.	None.
Red pigment	<5	Trade secret	None.	None.
Yellow pigment	<5	Trade secret	None.	None.
Titanium Dioxide	<5	Trade secret	**OSHA PEL (United States, 11/2006).** TWA: 15 mg/m³ 8 hour(s). Form: Total dust **OSHA PEL 1989 (United States, 3/1989).** TWA: 10 mg/m³ 8 hour(s). Form: Total dust	**ACGIH TLV (United States, 2/2010).** TWA: 10 mg/m³ 8 hour(s).
Aluminium oxide	<5	1344-28-1	**OSHA PEL 1989 (United States, 3/1989).** TWA: 10 mg/m³ 8 hour(s). Form: Dust TWA: 5 mg/m³ 8 hour(s). Form: Respirable fraction **OSHA PEL (United States, 11/2006).** TWA: 5 mg/m³ 8 hour(s). Form:	None.

Charge Control Agent	< 5	Trade secret.	Respirable fraction TWA: 15 mg/m³ 8 hour(s). Form: Total dust None.	None.

3 . Hazards identification

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. Chronic: No adverse changes in the lungs result from this accumulation. Exposure not probable with intended use.

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

Eye contact : Toner may act as a mechanical irritant.

Ingestion : Low acute oral toxicity.

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.

Aggravated conditions : Exposure to high airborne dust concentrations, including toner, may aggravate existing respiratory conditions.

Notes to physician : No specific antidote.

5 . Fire-fighting measures

Flash point : Solid, not applicable.

Auto-ignition temperature : Not applicable.

Flammable limits : Not determined.

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

Hazardous combustion products : Carbon monoxide, carbon dioxide, unidentified organics.

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.

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

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

HMIS Classification : Health: 1* Flammability: 1 Reactivity: 0

6 . Accidental release measures

Personal precautions : None required for intended use in printer.

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

Methods for cleaning up : 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.

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.

8 . Exposure controls/personal protection

Engineering measures : Not required. Use in a well-ventilated area.

Respiratory : None required for intended use in printer.

Gloves : None required for intended use in printer.

Skin protection : None required for intended use in printer.

Eyes : None required for intended use in printer.

9 . Physical and chemical properties

Physical state : Solid. [Toner Cartridge]

Color : Black. / Cyan / Magenta / Yellow.

Odor : Faint odor.

Vapor density : Not available.

Solubility : Insoluble in the following materials: cold water and hot water.

Melting/freezing point : Not available.

Specific gravity : Not available.

Volatility : 0 % (w/w)

Evaporation rate : Not available.

10 . Stability and reactivity

Stability and reactivity : 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.

Hazardous polymerization : Under normal conditions of storage and use, hazardous polymerization will not occur.

Additional guidelines : Not available.

11 . Toxicological information

Primary routes of exposure : Inhalation of dust, skin contact.

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

Acute toxicity oral rat LD50 (mg/kg) :

Product/ingredient name	Species	Dose	Result	
Color Toner Cartridge PN C925H2KG	Rat	<2000 mg/kg	LD50 Oral	-
Carbon black	Rabbit	>3 g/kg	LD50 Dermal	-
	Rat	>15400 mg/kg	LD50 Oral	-

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. Toner is not listed by IARC, NTP, or OSHA.

Aggravating conditions : Exposure to high airborne dust concentrations, including toner, may aggravate existing respiratory conditions.

Potential chronic health effects : **CARCINOGENIC EFFECTS**: Classified None. by NIOSH [Polyethylene]. Classified 3 (Not classifiable for humans.) by IARC [Polyethylene]. Classified + (Proven.) by NIOSH [Carbon black]. Classified 2B (Possible for humans.) by IARC [Carbon black]. Classified A4 (Not classifiable for humans or animals.) by ACGIH [Carbon black]. Classified 2B (Possible for humans.) by IARC [Titanium dioxide]. Classified None. by NIOSH [Titanium dioxide]. Classified A4 (Not classifiable for humans or animals.) by ACGIH [Titanium dioxide].
MUTAGENIC EFFECTS: Not available.
TERATOGENIC EFFECTS: Not available.

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

12 . Ecological information

Mobility : Not available.

Other information : Products of degradation: carbon oxides (CO, CO_2) and water. Some metallic oxides.

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.

14 . Transport information

Not regulated by any transport mode.

15 . Regulatory information

United States

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.

International regulations lists

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.

AICS (Australia) : All ingredients are listed in Australian Inventory of Chemical Substances (AICS), have been registered, 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.

Canada

WHMIS (Canada) : Not controlled under WHMIS (Canada).

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

Mexico Classification : Health: 1 Flammability: 1 Reactivity: 0

16 . Other information

Revision comments : No significant revisions to health and safety information.

References : ANSI Z400.1, MSDS Standard, 2004. - Manufacturer's Material Safety Data Sheet. - 29CFR Part1910.1200 OSHA MSDS Requirements. - 49CFR Table List of Hazardous Materials, UN#, Proper Shipping Names, PG. - Canada Gazette Part II, Vol. 122, No. 2. Registration SOR/88-64, 31 December 1987. Hazardous Products Act "Ingredient Disclosure List" - Canadian Transport of Dangerous Goods, Regulations and Schedules, Clear Language version 2005. - Official Mexican Standards NOM-018-STPS-2000 and NOM-004-SCT2-1994.

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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.