

### 1. Identification of the material and supplier

**Names**

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

C950 High Yield Toner Cartridge, Black.	C950X2KG	
C950 High Yield Toner Cartridge, Cyan	C950X2CG	
C950 High Yield Toner Cartridge, Magenta	C950X2MG	
C950 High Yield Toner Cartridge, Yellow.	C950X2YG	
X950, X952, X954 Toner Cartridge, Black.	X950X2KG	22Z0008
X950, X952, X954 Toner Cartridge, Cyan	X950X2CG	22Z0009
X950, X952, X954 Toner Cartridge, Magenta	X950X2MG	22Z0010
X950, X952, X954 Toner Cartridge, Yellow.	X950X2YG	22Z0011

**For actual printer/cartridge compatibility please reference [www.lexmark.com](http://www.lexmark.com)**

**Application :** Laser Printer C950, X950, X952, X954, XS955

**ADG :** Not regulated.

<b>Supplier/Manufacturer :</b>	<b>Lexmark International (Australia) Pty Limited</b> 13b Narabang Way Belrose NSW 2085 Information: 1300 362 192 (Customer Care center - regular business hours)
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**e-mail address of person responsible for this SDS :** [caldwell@lexmark.com](mailto:caldwell@lexmark.com)

**Emergency telephone number (24/7) :** Australian Poisons Information Centre  
24 hour Phone Number: 13 11 26

**New Zealand National Poisons Centre:**  
Otago medical School, Dunedin  
24 hour Poisons Advice  
0800 POISON / 0800 764 7656

### 2. Hazards identification

**Classification :** Not regulated. (Article)

**Risk phrases :** Not applicable.

**Safety phrases :** Keep out of the reach of children.

**Statement of hazardous/dangerous nature :** NON-HAZARDOUS SUBSTANCE. NON-DANGEROUS GOODS.

### 3. Composition/information on ingredients

**Mixture :** Yes.

Ingredient name	CAS number	Concentration
Carbon black	1333-86-4	<10
Titanium dioxide	13463-67-7	<10
Aluminium oxide	1344-28-1	<10

Other ingredients, determined not to be hazardous according to Safe Work Australia criteria, and not dangerous according to the ADG Code, make up the product concentration to 100%.

**There are no additional 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.
- Ingestion** : Do not induce vomiting. Never give anything by mouth to an unconscious person. Get medical attention if symptoms appear.
- Skin 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.
- Eye contact** : Wash with soap and water. Should irritation occur, seek medical attention.
- Protection of first-aiders** : No action shall be taken involving any personal risk or without suitable training.
- Advice to doctor** : No specific treatment. Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.

## 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.

## 8 . Exposure controls/personal protection

### Occupational exposure limits

#### Ingredient name

Carbon black

Titanium dioxide

aluminium oxide

#### Exposure limits

**Safe Work Australia (Australia, 8/2005).**

TWA: 3 mg/m<sup>3</sup> 8 hour(s).

**Safe Work Australia (Australia, 8/2005).**

TWA: 10 mg/m<sup>3</sup> 8 hour(s).

**Safe Work Australia (Australia, 8/2005).**

TWA: 10 mg/m<sup>3</sup> 8 hour(s).

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

## 8 . Exposure controls/personal protection

- 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.
- Engineering measures** : Not required. Use only in well-ventilated areas.
- 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.
- Eyes** : None required for intended use in printer.
- Hands** : None required for intended use in printer.
- Respiratory** : None required for intended use in printer.
- Skin** : None required for intended use in printer.  
Not required. Use in a well-ventilated area.

## 9 . Physical and chemical properties

- Physical state** : Solid. [Toner Cartridge]
- Colour** : Black. / Cyan / Magenta / Yellow.
- Odour** : Faint odour.
- Flash point** : Solid, not applicable
- Flammable limits** : Not determined.

## 10 . Stability and reactivity

- Chemical stability** : The product is stable.
- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
- Conditions to avoid** : Keep away from heat, flame, sparks and other ignition sources.
- Materials to avoid** : No specific data.
- Hazardous decomposition products** : Carbon monoxide, carbon dioxide, unidentified organics.

## 11 . Toxicological information

### Potential acute health effects

- Inhalation** : No known significant effects or critical hazards.
- 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.

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

### Potential chronic health effects

Product/ingredient name	Result	Species	Score	Exposure	Observation
Titanium Dioxide	Skin - Mild irritant	Human	-	-	-

- Chronic effects** : No known significant effects or critical hazards.
- Carcinogenicity** : No known significant effects or critical hazards.
- 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.

## 11 . Toxicological information

- Skin** : No specific data.
- Eyes** : No specific data.
- Other adverse symptoms** : Exposure to high airborne dust concentrations, including toner, may aggravate existing respiratory conditions.
- Target organs** : Contains material which may cause damage to the following organs: lungs, upper respiratory tract, skin, eyes.

## 12 . Ecological information

**Environmental effects** : No known significant effects or critical hazards.

Product/ingredient name	Test	Result	Species	Exposure
Titanium dioxide	-	Acute EC50 5.83 mg/L Fresh water	Algae - Green algae - Pseudokirchneriella subcapitata - Exponential growth phase	72 hours
	-	Acute LC50 5.5 ppm Fresh water	Daphnia - Water flea - Daphnia magna - Juvenile (Fledgling, Hatchling, Weanling) - <24 hours	48 hours
	-	Acute LC50 >1000000 ug/L Marine water	Fish - Mummichog - Fundulus heteroclitus	96 hours
	-	Chronic NOEC 1 ppm Fresh water	Daphnia - Water flea - Daphnia magna - Juvenile (Fledgling, Hatchling, Weanling) - <24 hours	48 hours

**Other ecological information**

**Other adverse effects** : No known significant effects or critical hazards.

## 13 . Disposal considerations

**Methods of disposal** : Non-hazardous waste . Disposal should be in accordance with applicable regional, national and local laws and regulations.

## 14 . Transport information

**International transport regulations**

**ADG / IMDG / IATA Classes** : Not regulated.

## 15 . Regulatory information

**Standard for the Uniform Scheduling of Drugs and Poisons**

Not regulated.

**Control of Scheduled Carcinogenic Substances**

**Schedule**

No listed substance

**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.

## 15 . Regulatory information

- 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.
- 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.
- 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.
- REACH Status** : EU (REACH): All components of the toner formulation are registered, pre-registered or exempt under REACH. Pre-registered chemicals will be registered between 2011 and 2018.

## 16 . Other information

- Date of issue** : 04/15/2011.
- Version** : 1

### Disclaimer

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.