

1 . Identification of the material and supplier

Names

Description of the product type :

Part number :

Extra High Yield Return Program Print Cartridge for Label Application	T654X04A	T654X04E	*****	T654X04L	T654X04P
Extra High Yield Return Program Print Cartridge	T654X11A	T654X11E	*****	T654X11L	T654X11P
Extra High Yield Print Cartridge	T654X21A	T654X21E	*****	T654X21L	T654X21P
Extra High Yield Print Cartridge	*****	T654X31E	T654X31G	*****	*****
Extra High Yield Return Program Print Cartridge	*****	*****	T654X41G	*****	*****
Extra High Yield Print Cartridge	*****	T654X80E	T654X80G	*****	*****
Extra High Yield Print Cartridge for Label Applications	*****	T654X84E	T654X84G	*****	*****

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

Application : Laser Printer T654

ADG : Not regulated.

Supplier/Manufacturer : Lexmark International (Australia) Pty Limited
 12a Rodborough Road
 Frenchs Forest
 NSW 2086
 Information: 1300 362 192 (Customer Care center - regular business hours)

e-mail address of person responsible for this SDS : 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
Iron oxide	1317-61-9	10 - 30
Carbon black	1333-86-4	5 - 10
Amorphous Silica (modified)	-	0.1 - 1

Other ingredients, determined not to be hazardous according to NOHSC 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. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation.
- 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. Approach the release from upwind. 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

Iron oxide

Carbon black

Amorphous Silica (modified)

Exposure limits

EH40/2005 WELs (United Kingdom (UK), 8/2007).

STEL: 10 mg/m³, (as Fe) 15 minute(s). Form: Fume

TWA: 5 mg/m³, (as Fe) 8 hour(s). Form: Fume

ASCC (Australia, 8/2005).

TWA: 3 mg/m³ 8 hour(s).

EH40/2005 WELs (United Kingdom (UK), 8/2007).

TWA: 6 mg/m³ 8 hour(s). Form: inhalable dust

TWA: 2.4 mg/m³ 8 hour(s). Form: respirable dust

8 . Exposure controls/personal protection

- 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.
- 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.
- Odour** : Faint odour. (Plastic.)
- Melting point** : Not determined.
- Relative density** : Not determined.
- 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	-
Amorphous Silica (modified)	LD50 Oral	Rat	3160 mg/kg	-

Potential chronic health effects

- 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.

11 . Toxicological information

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 symptoms : 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.

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.

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.

16 . Other information

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Version : 2

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.